

# Salesforce

## Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I



### NEW QUESTION 1

Refer to the code below: Let str = 'javascript'; Str[0] = 'J';  
 Str[4] = 'S';

After changing the string index values, the value of str is 'javascript'. What is the reason for this value:

- A. Non-primitive values are mutable.
- B. Non-primitive values are immutable.
- C. Primitive values are mutable.
- D. Primitive values are immutable.

Answer: D

### NEW QUESTION 2

A developer wants to use a try...catch statement to catch any error that countSheep () may throw and pass it to a handleError () function.  
 What is the correct implementation of the try...catch?

A)

```
try {
  setTimeout(function() {
    countSheep();
  }, 1000);
} catch (e) {
  handleError(e);
}
```

B)

```
try {
  countSheep();
} finally {
  handleError(e);
}
```

C)

```
setTimeout(function() {
  try {
    countSheep();
  } catch (e) {
    handleError(e);
  }
}, 1000);
```

D)

```
try {
  countSheep();
} handleError (e){
  catch(e):
```

- A. Option
- B. Option
- C. Option
- D. Option

Answer: A

### NEW QUESTION 3

A developer creates an object where its properties should be immutable and prevent properties from being added or modified.  
 Which method should be used to execute this business requirement ?

- A. Object.const()
- B. Object.eval()
- C. Object.lock()
- D. Object.freeze()

Answer: D

### NEW QUESTION 4

A developer is creating a simple webpage with a button. When a user clicks this button for the first time, a message is displayed.  
 The developer wrote the JavaScript code below, but something is missing. The message gets displayed every time a user clicks the button, instead of just the first time.

```
01 function listen(event) {
02
03   alert('Hey! I am John Doe');
04
05 }
06 button.addEventListener('click', listen);
```

Which two code lines make this code work as required? Choose 2 answers

- A. On line 02, use event.first to test if it is the first execution.
- B. On line 04, use event.stopPropagation ( ),
- C. On line 04, use button.removeEventListener(' click" , listen);
- D. On line 06, add an option called once to button.addEventListener().

**Answer:** CD

#### NEW QUESTION 5

Which function should a developer use to repeatedly execute code at a fixed interval ?

- A. setInterval
- B. setTimeout
- C. setPeriod
- D. setInteria

**Answer:** A

#### NEW QUESTION 6

Which three browser specific APIs are available for developers to persist data between page loads ? Choose 3 answers

- A. IIFEs
- B. indexedDB
- C. Global variables
- D. Cookies
- E. localStorage.

**Answer:** ABE

#### NEW QUESTION 7

Refer to the code:

```
01 function Vehicle(name, price) {
02   this.name = name;
03   this.price = price;
04 }
05 Vehicle.prototype.priceInfo = function () {
06   return 'Cost of the ${this.name} is ${this.price}$';
07 }
08 var ford = new Vehicle('Ford Fiesta', '20,000');
```

Given the requirement to refactor the code above to JavaScript class format, which class definition is correct?

A)

```
01 class Vehicle {
02   constructor(name, price) {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

B)

```

01 class Vehicle {
02   vehicle(name, price) {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }

```

C)

```

01 class Vehicle {
02   constructor(name, price) {
03     name = name;
04     price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }

```

D)

```

01 class Vehicle {
02   constructor() {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }

```

A.

**Answer: B**

#### NEW QUESTION 8

A developer needs to test this function:

```

01const sum3 = (arr) => (
02if (!arr.length) return 0,
03if (arr.length === 1) return arr[0],
04if (arr.length === 2) return arr[0]+ arr[1],
05 return arr[0] + arr[1] + arr[2],
06 );

```

Which two assert statements are valid tests for the function? Choose 2 answers

- A. console.assert(sum3(1, '2')) == 12);
- B. console.assert(sum3(0)) == 0);
- C. console.assert(sum3(-3, 2 )) == -1);
- D. console.assert(sum3('hello', 2, 3, 4)) === NaN);

**Answer: AC**

#### NEW QUESTION 9

Which javascript methods can be used to serialize an object into a string and deserialize a JSON string into an object, respectively?

- A. JSON.stringify and JSON.parse
- B. JSON.serialize and JSON.deserialize
- C. JSON.encode and JSON.decode
- D. JSON.parse and JSON.deserialize

**Answer: A**

#### NEW QUESTION 10

Referto the code below: Const pi = 3.1415326, What is the data type of pi?

- A. Double
- B. Number
- C. Decimal
- D. Float

**Answer: B**

### NEW QUESTION 10

Refer to the code below: `const addBy = ?`  
`const addByEight = addBy(8); const sum = addBYEight(50);`  
 Which two functions can replace line 01 and return 58 to sum? Choose 2 answers

- A. `const addBy = function(num1){ return function(num2){return num1 + num2;}}`
- B. `const addBy = function(num1){ return num1 + num2;}`
- C. `const addBy = (num1) => num1 + num2 ;`
- D. `const addBY = (num1) => (num2) => num1 + num2;`

**Answer:** AD

### NEW QUESTION 11

A developer wants to iterate through an array of objects and count the objects and count the objects whose property value, name, starts with the letter N.  
`Const arrObj = [{"name": "Zach"}, {"name": "Kate"}, {"name": "Alise"}, {"name": "Bob"}, {"name": "Natham"}, {"name": "nathaniel"}]`  
 Refer to the code snippet below: 01 `arrObj.reduce(( acc, curr) => { 02 //missing line 02`  
 2 //missing line 03  
 04 `}.0);`  
 Which missing lines 02 and 03 return the correct count?

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
 Explanation

### NEW QUESTION 13

Which three actions can be using the JavaScript browser console? Choose 3 answers:

- A. View and change DOM the page.
- B. Display a report showing the performance of a page.
- C. Run code that is not related to page.
- D. view , change, and debug the JavaScript code of the page.
- E. View and change security cookies.

**Answer:** ACD

### NEW QUESTION 16

Refer to the code below:

```
01 let sayHello = () => {
02   console.log('Hello, World!');
03 };
```

Which code executes sayHello once, two minutes from now?

- A. `setTimeout(sayHello, 12000);`
- B. `setInterval(sayHello, 12000);`
- C. `setTimeout(sayHello(), 12000);`
- D. `delay(sayHello, 12000);`

**Answer:** A

### NEW QUESTION 20

Which code statement correctly retrieves and returns an object from localStorage?

- A. `const retrieveFromLocalStorage = () =>{return JSON.stringify(window.localStorage.getItem(storageKey));}` `const retrieveFromLocalStorage = () => { return JSON.stringify(window.localStorage.getItem(storageKey)); }`
- B. `const retrieveFromLocalStorage = (storageKey) =>{ return window.localStorage.getItem(storageKey);}` `const retrieveFromLocalStorage = (storageKey) => { return window.localStorage.getItem(storageKey); }`
- C. `const retrieveFromLocalStorage = (storageKey) =>{ returnJSON.parse(window.localStorage.getItem(storageKey));}` `const retrieveFromLocalStorage = (storageKey) => { return JSON.parse(window.localStorage.getItemstorageKey); }`
- D. `const retrieveFromLocalStorage = (storageKey) =>{ return window.localStorage[storageKey];}` `const retrieveFromLocalStorage = (storageKey) => { return window.localStorage[storageKey]; }`

**Answer:** C

### NEW QUESTION 21

Refer to code below:  
`Const objBook = { Title: 'Javascript',`  
`};`

Object.preventExtensions(objBook); ConstnewObjBook = objBook; newObjectBook.author = 'Robert';  
 What are the values of objBook and newObjBook respectively ?

- A. [title: "javaScript"] [title: "javaScript"]
- B. {author: "Robert", title: "javaScript"} Undefined
- C. {author: "Robert", title: "javaScript"}{author: "Robert", title: "javaScript"}
- D. {author: "Robert"}{author: "Robert", title: "javaScript"}

**Answer: A**

**NEW QUESTION 26**

Refer to HTML below:

```
<div id ="main">
<div id = " card-00">This card is smaller.</div>
<div id = "card-01">The width and height of this card is determined by its contents.</div>
</div>
```

Which expression outputs the screen width of the element with the ID card-01?

- A. document.getElementById(' card-01 ').getBoundingClientRect().width
- B. document.getElementById(' card-01 ').style.width
- C. document.getElementById(' card-01 ').width
- D. document.getElementById(' card-01 ').innerHTML.lenght\*e

**Answer: A**

**NEW QUESTION 30**

Refer to the code below:

```
01 let greeting = 'Goodbye';
02 let salutation = 'Hello, hello, hello';
03 try {
04   greeting = 'Hello';
05   decodeURI('%'); // throws error
06   salutation = 'Goodbye';
07 } catch(err) {
08   salutation = 'I say hello';
09 } finally {
10   salutation = 'Hello, Hello';
11 }
```

Line 05 causes an error.

What are the values of greeting and salutation once code completes?

- A. Greeting is Hello and salutation is Hello, Hello.
- B. Greeting is Goodbye and salutation is Hello, Hello.
- C. Greeting is Goodbye and salutation is I say Hello.
- D. Greeting is Hello and salutation is I say hello.

**Answer: A**

**NEW QUESTION 31**

A developer wrote the following code: 01 let X = object.value;

```
02
03 try {
04   handleObjectValue(X); 05 } catch (error) {
06   handleError(error);
07 }
```

The developer has a getNextValue function to execute after handleObjectValue(), but does not want to execute getNextValue() if an error occurs.

How can the developer change the code to ensure thisbehavior?

- A. 03 try{04 handleObjectValue(x);05 } catch(error){06 handleError(error); 07 } then {08 getNextValue();09 }
- B. 03 try{04 handleObjectValue(x);05 } catch(error){06 handleError(error); 07 } finally {08 getNextValue();10 }
- C. 03 try{04handleObjectValue(x); 05 } catch(error){06 handleError(error);07 }08 getNextValue();
- D. 03 try {04 handleObjectValue(x)05 .....

**Answer: D**

**NEW QUESTION 33**

A developer writes the code below to calculate the factorial of a given number.

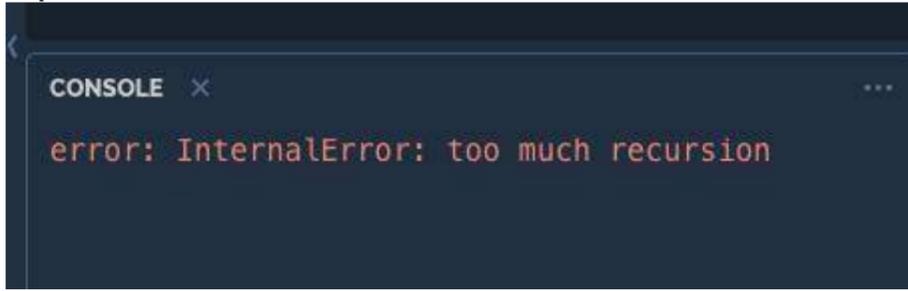
```
01 function factorial(number) {
02   return number * factorial(number - 1);
03 }
04 factorial(3);
```

What isthe result of executing line 04?

- A. 6
- B. -Infinity
- C. RuntimeError

Answer: D

Explanation:



**NEW QUESTION 34**

Given the code below: Setcurrent URL ();  
 console.log('The current URL is: ' +url ); function setCurrentUrl() {  
 Url = window.location.href;  
 What happens when the code executes?

- A. The url variable has local scope and line 02 throws an error.
- B. The url variable has global scope and line 02 executes correctly.
- C. The url variable has global scope and line 02 throws an error.
- D. The url variable has local scope and line 02 executes correctly.

Answer: B

**NEW QUESTION 39**

Refer to code below:

```
01 function Person() {
02   this.firstName = 'John';
03 }
04
05 Person.prototype = {
06   job: x => 'Developer'
07 };
08
09 const myFather = new Person();
10 const result = myFather.firstName + ' ' + myFather.job();
```

What is the value of the result after line 10 executes?

- A. Error: myFather.job is not a function
- B. Undefined Developer
- C. John undefined
- D. John Developer

Answer: D

**NEW QUESTION 42**

Refer to the code below: FunctionPerson(firstName, lastName, eyeColor) { this.firstName =firstName;  
 this.lastName = lastName;  
 this.eyeColor = eyeColor;  
 }  
 Person.job = 'Developer';  
 const myFather = new Person('John', 'Doe'); console.log(myFather.job);  
 What is the output after the codeexecutes?

- A. ReferenceError: eyeColor is not defined
- B. ReferenceError: assignment to undeclared variable "Person"
- C. Developer
- D. Undefined

Answer: D

**NEW QUESTION 46**

Refer to the code below:

```

01 const exec = (item, delay) =>
02   new Promise(resolve => setTimeout(() => resolve(item), delay));
03
04 async function runParallel() {
05   const [result1, result2, result3] = await Promise.all(
06     [exec('x', '100'), exec('y', '500'), exec('z', '100')]
07   );
08   return 'parallel is done: ${result1}${result2}${result3}';
09 }

```

Which two statements correctly execute the runParallel () function? Choose 2 answers

- A. Async runParallel () .then(data);
- B. runParallel () .done(function(data){ return data;});
- C. runParallel () .then(data);
- D. runParallel () .then(function(data) return data

**Answer: BD**

#### NEW QUESTION 50

Refer to the code below? LetsearchString = ' look for this ';

Which two options remove the whitespace from the beginning of searchString? Choose 2 answers

- A. searchString.trimEnd();
- B. searchString.trimStart();
- C. trimStart(searchString);
- D. searchString.replace(/^\s\s\*/, "");

**Answer: BD**

#### NEW QUESTION 54

Refer to the following object:

```

01 const cat = {
02   firstName: 'Fancy',
03   lastName: 'Whiskers',
04   get fullName() {
05     return this.firstName + ' ' + this.lastName;
06   }
07 };

```

How can a developer access the fullName property for cat?

- A. cat.fullName
- B. cat.fullName()
- C. cat.get.fullName
- D. cat.function.fullName()

**Answer: A**

#### NEW QUESTION 55

Refer to the following code:

```

01 let obj = {
02   foo: 1,
03   bar: 2
04 }
05 let output = [];
06
07 for (let something in obj) {
08   output.push(something);
09 }
10
11 console.log(output);

```

What is the output line 11?

- A. [1,2]
- B. ["bar","foo"]
- C. ["foo","bar"]
- D. ["foo:1","bar:2"]

**Answer: C**

**NEW QUESTION 57**

Refer to the code below:

```
const searchText = 'Yay! Salesforce is amazing!';

let result1 = searchText.search(/sales/i);
let result2 = searchText.search(/sales/);

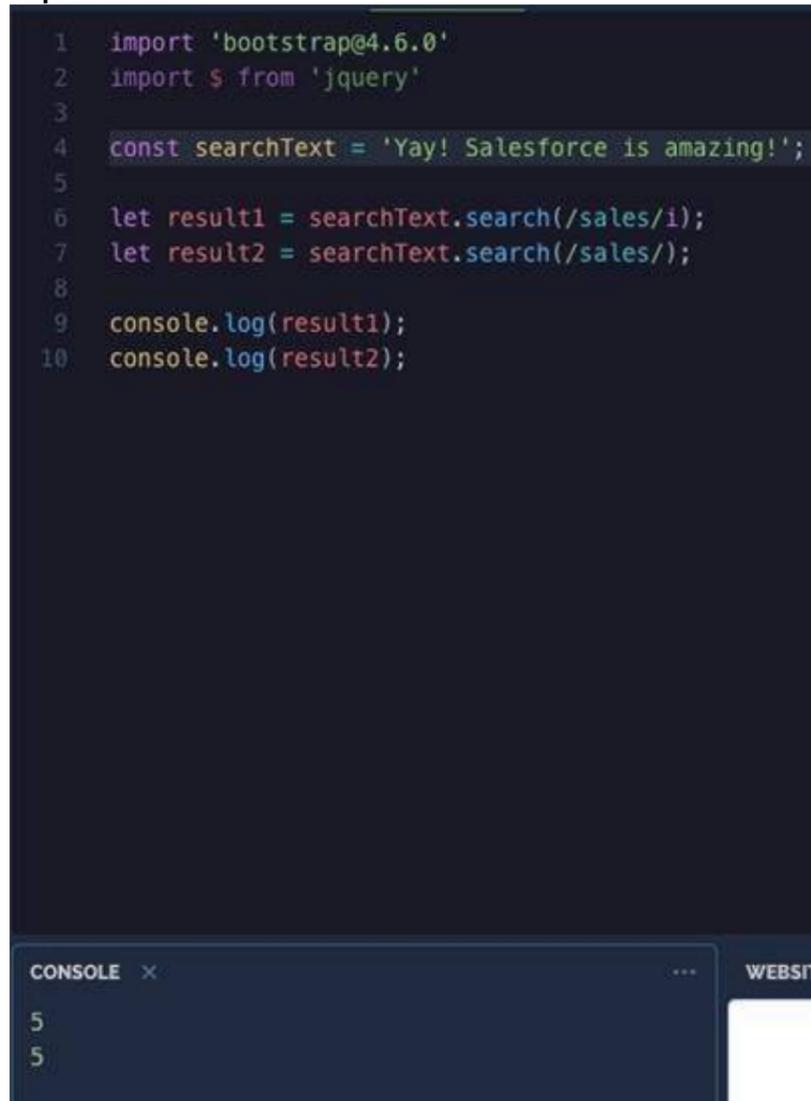
console.log(result1);
console.log(result2);
```

After running this code, which result is displayed on the console?

- A. > true > false
- B. > 5 > undefined
- C. > 5 > -1
- D. >5 > 0

**Answer: B**

**Explanation:**



```
1 import 'bootstrap@4.6.0'
2 import $ from 'jquery'
3
4 const searchText = 'Yay! Salesforce is amazing!';
5
6 let result1 = searchText.search(/sales/i);
7 let result2 = searchText.search(/sales/);
8
9 console.log(result1);
10 console.log(result2);
```

CONSOLE x ... WEBSITE

```
5
5
```

**NEW QUESTION 61**

A developer uses a parsed JSON string to work with user information as in the block below:

```
01 const userInfo = {
02   "id": "user-01",
03   "email": "user01@universalcontainers.demo",
04   "age": 25
}
```

Which two options access the email attribute in the object? Choose 2 answers

- A. userInfo("email")
- B. userInfo.get("email")
- C. userInfo.email
- D. userInfo(email)

**Answer: AC**

**NEW QUESTION 64**

A developer creates a new web server that uses Node.js. It imports a server library that uses events and callbacks for handling server functionality.

The server library is imported with require and is made available to the code by a variable named server. The developer wants to log any issues that the server has while booting up. Given the code and the information the developer has, which code logs an error at boot with an event?

- A. Server.catch ((server) => { console.log('ERROR', error);});
- B. Server.error ((server) => { console.log('ERROR', error);});
- C. Server.on ('error', (error) => { console.log('ERROR', error);});
- D. Try{server.start();} catch(error) { console.log('ERROR', error);}

Answer: C

#### NEW QUESTION 69

developer removes the HTML class attribute from the checkout button, so now it is simply:

<button>Checkout</button>.

There is a test to verify the existence of the checkout button, however it looks for a button with class= "blue". The test fails because no such button is found.

Which type of test category describes this test?

- A. True positive
- B. True negative
- C. False positive
- D. False negative

Answer: D

#### NEW QUESTION 72

Refer to code below: console.log(0);

setTimeout(() => ( console.log(1);

));

console.log(2); setTimeout(() => { console.log(3);

), 0);

console.log(4);

In which sequence will the numbers be logged?

- A. 01234
- B. 02431
- C. 02413
- D. 13024

Answer: C

#### NEW QUESTION 73

A developer creates a class that represents a blog post based on the requirement that a Post should have a body author and view count.

The Code shown Below: ClassPost {

// Insert code here This.body =body This.author = author;

this.viewCount = viewCount;

}

}

Which statement should be inserted in the placeholder on line 02 to allow for a variable to be set to a new instance of a Post with the three attributes correctly populated?

- A. super (body, author, viewCount) {
- B. Function Post (body, author, viewCount) {
- C. constructor (body, author, viewCount) {
- D. constructor() {

Answer: C

#### NEW QUESTION 75

Refer to the code:

```

01 function Animal(size, type) {
02   this.size = size || 'small';
03   this.type = type || 'Animal';
04   this.canTalk = false;
05 }
06
07 let Pet = function(size, type, name, owner) {
08   Animal.call(this, size, type);
09   this.name = name;
10   this.owner = owner;
11 }
12
13 Pet.prototype = Object.create(Animal.prototype);
14 let pet1 = new Pet();

```

Given the code above, which three properties are set pet1? Choose 3 answers:

- A. Name
- B. canTalk
- C. Type

- D. Owner
- E. Size

**Answer:** BCE

**NEW QUESTION 76**

Refer to the code below:

```
for(let number =2 ; number <= 5 ; number += 1 ) {
// insert code statement here
}
```

The developer needs to insert a code statement in the location shown. The code statement has these requirements:

- \* 1. Does require an import
- \* 2. Logs an error when the boolean statement evaluates to false
- \* 3. Works in both the browser and Node.js

Which meet the requirements?

- A. `assert (number % 2 === 0);`
- B. `console.error(number % 2 === 0);`
- C. `console.debug(number % 2 === 0);`
- D. `console.assert(number % 2 === 0);`

**Answer:** B

**NEW QUESTION 78**

Refer to the following code:

```
<html lang="en">
<body>
<div onclick = "console.log('Outer message');">
<button id ="myButton">Click me</button>
</div>
</body>
<script>
function displayMessage(ev) { ev.stopPropagation(); console.log('Inner message. ');
}
const elem =document.getElementById('myButton'); elem.addEventListener('click' , displayMessage);
</script>
</html>
```

What will the console show when the button is clicked?

- A. Outer message
- B. Outer message Inner message
- C. Inner message Outer message
- D. Inner message

**Answer:** D

**NEW QUESTION 79**

A developer is asked to fix some bugs reported by users. To do that, the developer adds a breakpoint for debugging.

```
Function Car (maxSpeed, color){ This.maxspeed =maxSpeed; This.color = color;
Let carSpeed = document.getElementById(' CarSpeed'); Debugger;
Let fourWheels =new Car (carSpeed.value, 'red');
```

When the code execution stops at the breakpoint on line 06, which two types of information are available in the browser console ?

Choose 2 answers:

- A. The values of the carSpeed and fourWheels variables
- B. A variable displaying the number of instances created for theCar Object.
- C. The style, event listeners and other attributes applied to the carSpeed DOM element
- D. The information stored in the window.localStorage property

**Answer:** CD

**NEW QUESTION 82**

Refer to the code below: `console.log("start");`

```
Promise.resolve('Success') .then(function(value){
console.log('Success');
});
console.log('End');
```

What is the output after the code executes successfully?

- A. EndStart Success
- B. StartSuccess End
- C. StartEnd Success
- D. Success Start End

**Answer:** C

**NEW QUESTION 84**

Refer to the expression below: `Let x = ('1' + 2) == (6 * 2);`

How should this expression be modified to ensure that evaluates to false?

- A. Let x = ('1' + ' 2') == ( 6 \* 2);
- B. Let x = ('1' + 2) == ( 6 \* 2);
- C. Let x = (1 + 2) == ( '6' / 2);
- D. Let x = (1 + 2) == ( 6 / 2);

Answer: B

#### NEW QUESTION 85

A developer wants to setup a secure web server with Node.js. The developer creates a directory locally called app-server, and the first file is app-server/index.js Without using any third-party libraries, what should the developer add to index.js to create the secure web server?

- A. const https =require('https');
- B. const server =require('secure-server');
- C. const tls = require('tls');
- D. const http =require('http');

Answer: A

#### NEW QUESTION 90

is below:

```
<input type="file" onchange="previewFile()">
<img src="" height="200" alt="Image Preview..."/> The JavaScript portion is:
1 function previewFile(){
2 const preview = document.querySelector('img');
3 const file = document.querySelector('input[type=file]').files[0]; 04 //line 4 code
05 reader.addEventListener("load", () =>{ 06 preview.src = reader.result;
7 },false);
8 //line 8 code
9 }
```

In lines 04 and 08, which code allows the user to select an image from their local computer , and to display the image in the browser?

- A. 04 const reader = new File();08 if (file) URL.createObjectURL(file);
- B. 04 const reader = new FileReader();08 if (file) URL.createObjectURL(file);
- C. 04 const reader = new File();08 if (file) reader.readAsDataURL(file);
- D. 04 const reader = new FileReader();08 if (file) reader.readAsDataURL(file);

Answer: D

#### NEW QUESTION 92

Given the code below:

```
01 function GameConsole(name) {
02   this.name = name;
03 }
04
05 GameConsole.prototype.load = function(gamename) {
06   console.log(`${this.name} is loading a game: ${gamename}...`);
07 }
08
09 function Console16bit(name) {
10   GameConsole.call(this, name);
11 }
12
13 Console16bit.prototype = Object.create(GameConsole.prototype);
14
15 //insert code here
16   console.log(`${this.name} is loading a cartridge game: ${gamename}...`);
17 }
18
19 const console16bit = new Console16bit('SNEGeneziz');
20 console16bit.load('Super Monic 3x Force');
```

What should a developer insert at line 15 to output the following message using the method ?

> SNEGeneziz is loading a cartridgegame: Super Monic 3x Force . . .

- A. Console16bit.prototype.load(gamename) = function() {
- B. Console16bit.prototype.load = function(gamename) {
- C. Console16bit = Object.create(GameConsole.prototype).load = function (gamename) {
- D. Console16bit.prototype.load(gamename) {

Answer: B

#### NEW QUESTION 94

The developer has a function that prints "Hello" to an input name. To test this, the developer created a function that returns "World". However the following snippet does not print " Hello World".

```
const sayHello = (name) => {
  console.log("Hello" , name());};

const world = () => {
  return "world";
};

sayHello(world);
```

What can the developer do to change the code to print "Hello World" ?

- A. Changeline 7 to ) ();
- B. Change line 2 to console.log('Hello' , name() );
- C. Change line 9 to sayHello(world) ();
- D. Change line 5 to function world ( ) {

**Answer:** B

**NEW QUESTION 96**

A test has a dependency on database.query. During the test the dependency is replaced with an object called database with the method, query, that returns an array. The developer needs to verify how many times the method was called and the arguments used each time.

Which two test approaches describe the requirement? Choose 2 answers

- A. Integration
- B. Black box
- C. White box
- D. Mocking

**Answer:** CD

**NEW QUESTION 98**

Refer to the code below:

Let inArray =[ [ 1, 2 ] , [ 3, 4, 5 ] ];

Which two statements result in the array [1, 2, 3, 4, 5] ?

Choose 2 answers

- A. []. Concat.apply ([ ], inArray);
- B. []. Concat (... inArray);
- C. []. concat.apply(inArray, [ ]);
- D. []. concat ( [ ...inArray ] );

**Answer:** AB

**NEW QUESTION 103**

A developer creates a generic function to log custom messages in the console. To do this, the function below is implemented.

```
01 function logStatus(status) {
02   console./*Answer goes here*/ ('Item status is: %s', status);
03 }
```

Which three console logging methods allow the use of string substitution in line 02?

- A. Assert
- B. Log
- C. Message
- D. Info
- E. Error

**Answer:** AD

**NEW QUESTION 106**

Refer to the code below: Function changeValue(obj) { Obj.value =obj.value/2; }

Const objA = (value: 10);

Const objB = objA; changeValue(objB); Const result = objA.value;

What is the value of result after the code executes?

- A. 10
- B. Nan
- C. 5
- D. Undefined

Answer: C

**NEW QUESTION 110**

Refer to the code below:

```
new Promise((resolve, reject) => { const fraction = Math.random();
if( fraction >0.5) reject("fraction > 0.5, " + fraction); resolve(fraction);
})
.then(() =>console.log("resolved"))
.catch((error) => console.error(error))
.finally(() => console.log(" when am I called?"));
```

```
new Promise((resolve, reject) => {
  const fraction = Math.random();
  if( fraction >0.5) reject("fraction > 0.5, " + fraction);
  reject(fraction);
})
.then(() =>console.log("resolved"))
.catch((error) => console.error(error))
.finally(() => console.log(" when am I called?"));
0.024493713600408196 VM1560:7
when am I called? VM1560:8
Promise {<fulfilled>: undefined}
```

```
new Promise((resolve, reject) => {
  const fraction = Math.random();
  if( fraction >0.5) reject("fraction > 0.5, " + fraction);
  resolve(fraction);
})
.then(() =>console.log("resolved"))
.catch((error) => console.error(error))
.finally(() => console.log(" when am I called?"));
resolved VM1349:6
when am I called? VM1349:8
Promise {<fulfilled>: undefined}
```

When does Promise.finally on line 08 get called?

- A. When rejected
- B. When resolved and settled
- C. WHEN resolved
- D. When resolved or rejected

Answer: D

**NEW QUESTION 114**

```
Refer to the following code:
01 function Tiger(){
02 this.Type = 'Cat'; 03 this.size = 'large'; 04 }
05
06 let tony = new Tiger(); 07 tony.roar = () =>{
08 console.log('They\'re great1');
09 };
10
11 function Lion(){ 12 this.type = 'Cat'; 13this.size = 'large'; 14 }
15
16 let leo = new Lion(); 17 //Insert code here
18 leo.roar();
```

Which two statements could be inserted at line 17 to enable the function call on line 18? Choose 2 answers.

- A. Leo.roar = () => { console.log('They\'re pretty good:'); };
- B. Object.assign(leo,Tiger);
- C. Object.assign(leo,tony);
- D. Leo.prototype.roar = () => { console.log('They\'re pretty good:'); };

Answer: AC

**NEW QUESTION 117**

Why would a developer specify a package.json as a developed forge instead of a dependency ?

- A. It is required by the application in production.
- B. It is only needed for local development and testing.
- C. Other requiredpackages depend on it for development.
- D. It should be bundled when the package is published.

Answer: B

### NEW QUESTION 118

A developer creates a simple webpage with an input field. When a user enters text in the input field and clicks the button, the actual value of the field must be displayed in the console.

Here is the HTML file content:

```
<input type = " text" value="Hello" name ="input">
```

```
<button type ="button" >Display </button> The developer wrote the javascript code below:
```

```
Const button = document.querySelector('button'); button.addEventListener('click', () => (
```

```
Const input = document.querySelector('input'); console.log(input.getAttribute('value'));
```

When the user clicks the button, the output is always "Hello". What needs to be done make this code work as expected?

- A. Replace line 04 with console.log(input .value);
- B. Replace line 03 with const input = document.getElementById('input');
- C. Replace line 02 with button.addEventListener("onclick", function() {
- D. Replace line 02 with button.addCallback("click", function() {

**Answer: A**

### NEW QUESTION 123

Refer to the following code:

```
01 function test(val) {
02   if (val === undefined) {
03     return 'Undefined value!';
04   }
05   if (val === null) {
06     return 'Null value!';
07   }
08   return val;
09 }
10
11 let x;
12
13 test(x);
```

What is returned by the function call on line 13?

- A. Undefined
- B. Line 13 throws an error.
- C. 'Undefined values!'
- D. 'Null value!'

**Answer: A**

### NEW QUESTION 127

Which statement parses successfully?

- A. JSO
- B. parse ("foo");
- C. JSON.parse ("foo");
- D. JSON.parse ("foo");
- E. JSON.parse ("foo");

**Answer: A**

### NEW QUESTION 131

Which option is a core Node.js module?

- A. Path
- B. los
- C. Memory
- D. locate

**Answer: A**

### NEW QUESTION 133

Refer to the code below:

```
01 function changeValue(param) {
02   param = 5;
03 }
04 let a = 10;
05 let b = a;
06
07 changeValue(b);
08 const result = a + ' - ' + b;
```

What is the value of result when the code executes?

- A. 10-10
- B. 5-5
- C. 10-5
- D. 5-10

**Answer:** A

#### NEW QUESTION 135

What are two unique features of functions defined with a fat arrow as compared to normal function definition?  
Choose 2 answers

- A. The function generated its own this making it useful for separating the function's scope from its enclosing scope.
- B. The function receives an argument that is always in scope, called parentThis, which is the enclosing lexical scope.
- C. If the function has a single expression in the function body, the expression will be evaluated and implicitly returned.
- D. The function uses the this from the enclosing scope.

**Answer:** AC

#### NEW QUESTION 139

Teams at Universal Containers(UC) work on multiple JavaScript projects at the same time. UC is thinking about reusability and how each team can benefit from the work of others. Going open-source or public is not an option at this time.  
Which option is available to UC with npm?

- A. Private packages can be scoped, and scopes can be associated to a private registries.
- B. Private registries are not supported by npm, but packages can be installed via URL.
- C. Private packages are not supported, but they can use another package manager like yarn.
- D. Private registries are not supported by npm, but packages can be installed via git.

**Answer:** A

#### NEW QUESTION 140

Consider type coercion, what does the following expression evaluate to? `True + 3 + '100' + null`

- A. 104
- B. 4100
- C. '3100null'
- D. '4100null'

**Answer:** D

#### NEW QUESTION 143

Refer to the following array: `Let arr = [ 1,2, 3, 4, 5];`  
Which three options result in x evaluating as `[3, 4, 5]` ? Choose 3 answers.

- A. `Let x= arr.filter (( a) => (a<2));`
- B. `Let x=arr.splice(2,3);`
- C. `Let x= arr.slice(2);`
- D. `Let x= arr.filter((a) => ( return a>2 ));`
- E. `Let x = arr.slice(2,3);`

**Answer:** BCD

#### NEW QUESTION 144

Which statement accurately describes an aspect of promises?

- A. Arguments for the callback function passed to `.then()` are optional.
- B. In `a.then()` function, returning results is not necessary since callbacks will catch the result of a previous promise.
- C. `.then()` cannot be added after a catch.
- D. `.then()` manipulates and returns the original promise.

**Answer:** A

#### NEW QUESTION 149

In which situation should a developer include a `try .. catch` block around their function call ?

- A. The function has an error that should not be silenced.
- B. The function results in an out of memory issue.
- C. The function might raise a runtime error that needs to be handled.
- D. The function contains scheduled code.

**Answer:** C

#### NEW QUESTION 151

Given two expressions var1 and var2. What are two valid ways to return the logical AND of the two expressions and ensure it is data type Boolean ?  
 Choose 2 answers:

- A. Boolean(var1 && var2)
- B. var1 && var2
- C. var1.toBoolean() && var2.toBoolean()
- D. Boolean(var1) && Boolean(var2)

**Answer: AD**

**NEW QUESTION 155**

Given the following code: Counter = 0;  
 const logCounter = () => { console.log(counter);  
 };  
 logCounter(); setTimeout(logCounter, 1100); setInterval(() => {  
 Counter++ logCounter();  
 }, 1000);

What is logged by the first four log statements?

- A. 0 0 1 2
- B. 0 1 2 3
- C. 0 1 1 2
- D. 0 1 2 2

**Answer: C**

**NEW QUESTION 157**

Refer to the following code that imports a module named utils:

```
01 import {foo,bar} from '/path/Utils.js';
02 foo();
03 bar();
```

Which two implementations of Utils.js export foo and bar such that the code above runs without error?  
 Choose 2 answers

- A. 

```
//FooUtils.js and BarUtils.js exist
import {foo} from '/path/FooUtils.js';
import {bar} from '/path/BarUtils.js';
export {foo, bar}
```
- B. 

```
const foo = () => { return 'foo'; }
const bar = () => { return 'bar'; }
export {foo, bar}
```
- C. 

```
export default class {
  foo() { return 'foo'; }
  bar() { return 'bar'; }
}
```
- D. 

```
const foo = () => { return 'foo'; }
const bar = () => { return 'bar'; }
export default foo, bar;
```

**Answer: BC**

**NEW QUESTION 161**

Refer to the code snippet below: Let array = [1, 2, 3, 4, 4, 5, 4, 4];  
 For (let i =0; i < array.length; i++) if (array[i] === 4) {  
 array.splice(i, 1);  
 }  
 }

```
let array = [1, 2, 3, 4, 4, 5, 4, 4];
for (let i = 0; i < array.length; i++){
  if (array[i] === 4) {
    array.splice(i, 1);
  }
}
console.log(array)
```

▶ (6) [1, 2, 3, 4, 5, 4]

VM1963:7

undefined

What is the value of array after the code executes?

- A. [1, 2, 3, 4, 5, 4, 4]
- B. [1, 2, 3, 4, 4, 5, 4]
- C. [1, 2, 3, 5]
- D. [1, 2, 3, 4, 5, 4]

Answer: B

#### NEW QUESTION 163

What is the result of the code block?

```
flag();
anotherFlag();

function flag() {
  console.log('flag');
}

const anotherFlag = () => {
  console.log('another flag');
}
```

- A. The console logs only 'flag'.
- B. The console logs 'flag' and another flag.
- C. An error is thrown.
- D. The console logs 'flag' and then an error is thrown.

Answer: D

#### NEW QUESTION 166

Given the JavaScript below:

```
1 function filterDOM (searchString) {
2   const parsedSearchString = searchString && searchString.toLowerCase();
3   document.querySelectorAll('.account') .forEach(account => (
4     const accountName = account.innerHTML.toLowerCase();
5     account. style.display = accountName.includes(parsedSearchString) ? /*Insert code*/;
6   ));
7 }
```

Which code should replace the placeholder comment on line 05 to hide accounts that do not match thesearch string?

- A. ' name ' : ' block '
- B. ' Block ' : ' none '
- C. ' visible ' : ' hidden '
- D. ' hidden ' : ' visible '

Answer: B

#### NEW QUESTION 169

Which two code snippets show working examples of a recursive function? Choose 2 answers

- A. Let countingDown = function(startNumber) { If ( startNumber >0) { console.log(startNumber) ;return countingDown(startNUmber);} else {return startNumber;}};
- B. Function factorial ( numVar ) { If (numVar < 0) return;if ( numVar === 0 ) return 1; return numVar -1;
- C. Const sumToTen = numVar => { If (numVar < 0)Return;return sumToTen(numVar + 1)};
- D. Const factorial =numVar => { If(numVar < 0) return;if ( numVar === 0 ) return 1;return numVar \* factorial ( numVar - 1 )};;

Answer: AD

**NEW QUESTION 174**

A developer wants to define a function log to be used a few times on a single-file JavaScript script.

```
01 // Line 1 replacement
02 console.log("LOG:", logInput);
03 }
```

Which two options can correctly replace line 01 and declare the function for use? Choose 2 answers

- A. function log(logInput) {
- B. const log(logInput) {
- C. const log = (logInput) => {
- D. function log = (logInput) {

Answer: AC

**NEW QUESTION 177**

Which option is true about the strict mode in imported modules?

- A. Add the statement use non-strict, before any other statements in the module to enable not-strict mode.
- B. You can only reference notStrict() functions from the imported module.
- C. Imported modules are in strict mode whether you declare them as such or not.
- D. Add the statement use strict =false; before any other statements in the module to enable not- strict mode.

Answer: B

**NEW QUESTION 178**

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