

Salesforce

Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I



NEW QUESTION 1

A developer at Universal Containers creates a new landing page based on HTML, CSS, and JavaScript TO ensure that visitors have a good experience, a script named personalizeContext needs to be executed when the webpage is fully loaded (HTML content and all related files), in order to do some custom initialization. Which statement should be used to call personalizeWebsiteContent based on the above business requirement?

- A. document.addEventListener('onDOMContextLoaded', personalizeWebsiteContext);
- B. window.addEventListener('load',personalizeWebsiteContext);
- C. window.addEventListener('onload', personalizeWebsiteContext);
- D. Document.addEventListener('DOMContextLoaded' , personalizeWebsiteContext);

Answer: B

NEW QUESTION 2

A team that works on a big project uses npm to deal with projects dependencies. A developer added a dependency does not get downloaded when they execute npm install.

Which two reasons could be possible explanations for this?

Choose 2 answers

- A. The developer missed the option --add when adding the dependency.
- B. The developer added the dependency as a dev dependency, and NODE_ENV is set to production.
- C. The developer missed the option --save when adding the dependency.
- D. The developer added the dependency as a dev dependency, and NODE_ENV is set to production.

Answer: BCD

NEW QUESTION 3

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 4

A developer has the following array of student test grades: Let arr = [7, 8, 5, 8, 9];

The Teacher wants to double each score and then see an array of the students who scored more than 15 points.

How should the developer implement the request?

- A. Let arr1 = arr.filter((val)=> (return val > 15)) .map ((num)=> (return num *2))

B. Let arr1 = arr.mapBy ((num) => (return num *2)) .filterBy ((val) => return val > 15)) ;
C. Let arr1 = arr.map((num) => num*2). Filter ((val) => val > 15);
D. Let arr1 = arr.map((num) => (num *2)).filterBy((val) => (val >15));

Answer: C

NEW QUESTION 5

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 6

Refer to HTML below:

<p> The current status of an Order: In Progress </p>.

Which JavaScript statement changes the text 'In Progress' to 'Completed' ?

A. document.getElementById("status").Value = 'Completed' ;
B. document.getElementById("#status").innerHTML = 'Completed' ;
C. document.getElementById("status").innerHTML = 'Completed' ;
D. document.getElementById(".status").innerHTML = 'Completed' ;

Answer: C

NEW QUESTION 7

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 8

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 9

Given the following code:

```
01 let x = null;  
02 console.log(typeof x);
```

is the output of line 02?

A. "x"
B. "null"
C. "object"
D. "undefined"

Answer: C

NEW QUESTION 10

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

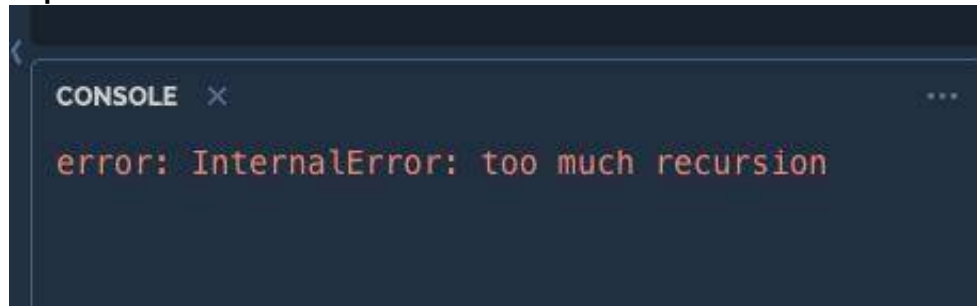
```
01 function factorial(number) {  
02     return number * factorial(number - 1);  
03 }  
04 factorial(3);
```

What is the result of executing line 04?

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

Answer: D

Explanation:



NEW QUESTION 10

A test has a dependency on database. query. During the test, the dependency is replaced with an object called database with the method, Calculator query, that returns an array. The developer does not need to verify how many times the method has been called.

Which two test approaches describe the requirement? Choose 2 answers

- A. White box
- B. Stubbing
- C. Black box
- D. Substitution

Answer: AD

NEW QUESTION 15

Refer to the code below: Let textValue = '1984';

Which code assignment shows a correct way to convert this string to an integer?

- A. let numberValue = Number(textValue);
- B. Let numberValue = (Number)textValue;
- C. Let numberValue = textValue.toInteger();
- D. Let numberValue = Integer(textValue);

Answer: A

NEW QUESTION 19

At Universal Containers, every team has its own way of copying JavaScript objects. The code Snippet shows an implementation from one team:

```
01 function Person() {  
02     this.firstName = "John";  
03     this.lastName = "Doe";  
04     this.name = () => {  
05         console.log('Hello ${this.firstName} ${this.lastName}');  
06     }  
07 }  
08  
09 const john = new Person();  
10 const dan = JSON.parse(JSON.stringify(john));  
11 dan.firstName = 'Dan';  
12 dan.name();
```

What is the Output of the code execution?

- A. Hello Dan Doe
- B. Hello John DOe
- C. TypeError: dan.name is not a function
- D. TypeError: Assignment to constant variable.

Answer: C

NEW QUESTION 23

developer publishes a new version of a package with new features that do not break backward compatibility. The previous version number was 1.1.3. Following semantic versioning format, what should the new package version number be?

- A. 2.0.0
- B. 1.2.3
- C. 1.1.4
- D. 1.2.0

Answer: D

NEW QUESTION 28

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 32

Given the following code:

```
document.body.addEventListener(' click ', (event) => { if (/* CODE REPLACEMENT HERE */) {  
console.log('button clicked!');  
}  
});
```

Which replacement for the conditional statement on line 02 allows a developer to correctly determine that a button on page is clicked?

- A. Event.clicked
- B. e.nodeTarget ==this
- C. event.target.nodeName == 'BUTTON'
- D. button.addEventListener('click')

Answer: C

NEW QUESTION 33

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 36

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 39

A developer has an ErrorHandler module that contains multiple functions. What kind of export be leverages so that multiple functions can be used?

- A. Named
- B. All
- C. Multi
- D. Default

Answer: A

NEW QUESTION 40

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 43

Refer to code below:

```
01 let first = 'Who';
02 let second = 'What';
03 try {
04   try {
05     throw new Error('Sad trombone');
06   } catch (err) {
07     first = 'Why';
08   } finally {
09     second = 'When';
10   }
11 } catch (err) {
12   second = 'Where';
13 }
```

What are the values for first and second once the code executes ?

- A. First is Who and second is When
- B. First is why and second is where
- C. First is who and second is where
- D. First is why and second is when

Answer: D

NEW QUESTION 44

Refer to the code below:

```
01 const server = require('server');
02 /* Insert code here */
```

A developer imports a library that creates a web server. The imported library uses events and callbacks to start the servers

Which code should be inserted at the line 03 to set up an event and start the web server ?

- A. Server.start ();
- B. server.on(' connect ' , (port) => { console.log('Listening on ' , port);})
- C. server()
- D. serve((port) => (
- E. console.log('Listening on ' , port) ;

Answer: B

NEW QUESTION 48

Which codestatement below correctly persists an objects in local Storage ?

- A. `const setLocalStorage = (storageKey, jsObject) => { window.localStorage.setItem(storageKey, JSON.stringify(jsObject));}`
- B. `const setLocalStorage = (jsObject) => { window.localStorage.connectObject(jsObject);}`
- C. `const setLocalStorage = (jsObject) => { window.localStorage.setItem(jsObject);}`
- D. `const setLocalStorage = (storageKey, jsObject) => { window.localStorage.persist(storageKey, jsObject);}`

Answer: A

NEW QUESTION 52

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. Change line 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 56

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 59

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 61

A developer wrote a `fizzbuzz` function that when passed in a number, returns the following:

‘Fizz’ if the number is divisible by 3. ‘Buzz’ if the number is divisible by 5.

‘Fizzbuzz’ if the number is divisible by both 3 and 5. Empty string if the number is divisible by neither 3 or 5.

Which two test cases will properly test scenarios for the `fizzbuzz` function? Choose 2 answers

- A. `let res = fizzbuzz(5); console.assert (res === ' ');`
- B. `let res = fizzbuzz(15); console.assert (res === ' fizzbuzz ')`
- C. `let res = fizzbuzz(Infinity); console.assert (res === ' ')`
- D. `let res = fizzbuzz(3); console.assert (res === ' buzz ')`

Answer: BCD

NEW QUESTION 66

A developer is working on an ecommerce website where the delivery date is dynamically calculated based on the current day. The code line below is responsible for this calculation. `const deliveryDate = new Date ();`
Due to changes in the business requirements, the delivery date must now be today's date + 9 days.
Which code meets this new requirement?

- A. `deliveryDate.setDate((new Date ()).getDate () +9);`
- B. `deliveryDate.setDate(Date.current () + 9);`
- C. `deliveryDate.date = new Date(+9) ;`
- D. `deliveryDate.date = Date.current () + 9;`

Answer: A

NEW QUESTION 70

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 73

Which two console logs output NaN? Choose 2 answers

- A. `console.log(10/ Number('5'));`
- B. `console.log(parseInt('two'));`
- C. `console.log(10/ "five");`
- D. `console.log(10/0);`

Answer: BC

NEW QUESTION 74

A developer has two ways to write a function: Option A:

```
function Monster() { This.growl = () => { Console.log ("Grr!"); } }
```

Option B:

```
function Monster() {}; Monster.prototype.growl =() => { console.log("Grr!"); }
```

After deciding on an option, the developer creates 1000 monster objects. How many growl methods are created with Option A? Option B?

- A. 1 growl method is created for Option
- B. 1000 growl methods are created for Option B.
- C. 1000 growl method is created for Option
- D. 1 growl methods are created for Option B.
- E. 1000 growl methods are created regardless of which option is used.
- F. 1 growl method is created regardless of which option is used.

Answer: B

NEW QUESTION 75

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:

```
01 const button = document.querySelector('button');
02 button.addEventListener('click', () => {
03   const input = document.querySelector('input');
04   console.log(input.getAttribute('value'));
05 });
```

When the user clicks the button, the output is always "Hello". What needs to be done to 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.addCallback("click", function() {`
- D. Replace line 02 with `button.addEventListener("onclick", function() {`

Answer: A

NEW QUESTION 80

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 82

developer wants to use a module named universalContainersLib and then call functions from it.
How should a developer import every function from the module and then call the functions foo and bar ?

- A. import * as lib from '/path/universalContainersLib.js'; lib.foo();lib.bar();
- B. import (foo, bar) from '/path/universalContainersLib.js'; foo();bar();
- C. import all from '/path/universalContainerLib.js'; universalContainersLib.foo(); universalContainersLib.bar();
- D. import * from '/path/universalContainerLib.js'; universalContainersLib.foo(); universalContainersLib.bar();

Answer: A

NEW QUESTION 83

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 85

A developer has a web server running with Node.js. The command to start the web server is node server.js.
The web server started having
latency issues. Instead of a one second turnaround for web requests, the developer now sees a five second turnaround.
Which command can the web developer run to see what the module is doing during the latency period?

- A. NODE_DEBUG=true node server.js
- B. DEBUG=http, https node server.js
- C. NODE_DEBUG=http,https node server.js
- D. DEBUG=true node server.js

Answer: D

NEW QUESTION 87

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