



Functions in JavaScript - Advanced - Quiz

Below is a scored review of your assessment. All questions are shown.



Correct Answer



Partially Correct



Incorrect Answer

1

What will be the output of the following JavaScript code?

```
var a = 2.99;  
var ans = Math.floor(a) * Math.floor(a)  
console.log(ans);
```

Your Answer 4

Correct Answer 4

Justification

The output will be 4, as the "Math.floor" function rounds down the value of "a" to 2, and multiplying it with itself gives 4.

2

What will be the output of the following JavaScript statement?

```
var grand_Total = eval("10*10+5");  
console.log(grand_Total);
```

Your Answer 105

Correct Answer 105

Justification

The eval() function evaluates the string as JavaScript code. In this case, it performs the arithmetic operation and assigns the result to the variable grand_Total. Therefore, the output will be the integer value 105.

3

What will be the output of the following two codes?

```
function TnS_add(a, b) {  
  return a + b;  
}  
  
function TnS_spreadadd(...nums) {  
  var count = 0;  
  for (let num of nums) {  
    count += num;  
  }  
  return count;  
}  
console.log(TnS_add(10, 20, 40), TnS_spreadadd(10, 20, 40));
```

Your Answer 30, 70

Correct Answer 30, 70

Justification

The TnS_spreadadd function uses the rest parameter syntax to accept any number of arguments and adds them together using a loop. Therefore, TnS_spreadadd(10, 20, 40) will return 70 (sum of all three arguments).

4 Does ES5 allow using reserved words as variable function or property names in JavaScript?

Your Answer No, it doesn't allow

Correct Answer No, it doesn't allow

Justification

No, ES5 doesn't allow using reserved words as variable function or property names in JavaScript.

5 What is a generator function in ECMAScript 6?

Your Answer

A function that returns an iterator object to control the execution of the function

Correct Answer

A function that returns an iterator object to control the execution of the function

Justification

A generator function in ECMAScript 6 is a function that returns an iterator object to control the execution of the function.

6

What will be the output of the following JavaScript code?

```
var a = 3.7;  
var b = 2;  
a = Math.ceil(a);  
console.log(a * b);
```

Your Answer 8

Correct Answer 8

Justification

The output will be 8, as the "ceil" function rounds up the value of "a" to 4, and multiplying it with "b" (2) gives 8.

7

What is an Immediately-invoked Function Expression (IIFE)?

Your Answer

A function that is defined and executed immediately after being declared

Correct Answer

A function that is defined and executed immediately after being declared

Justification

An Immediately-invoked Function Expression (IIFE) is a function that is defined and executed immediately after being declared.

8 What will be the output of the following?

```
function TnS_outer() {  
  var a = 10;  
  
  function TnS_inner() {  
    var b = 10;  
    return a + b;  
  }  
  return TnS_inner();  
}  
console.log(TnS_outer());
```

Your Answer 20

Correct Answer 20

Justification

The output of the code will be 20, because the TnS_outer function returns the result of invoking the TnS_inner function, which adds the values of a and b together. Both a and b have a value of 10, so the result is 20.

9 What is the purpose of setInterval() function in JavaScript?

Your Answer To continuously execute a function every specified interval of time

Correct Answer To continuously execute a function every specified interval of time

Justification

setInterval() function is used in JavaScript to continuously execute a function every specified interval of time.

10 When should you use a helper function in JavaScript?

Your Answer

When you want to break down complex tasks into smaller, more manageable pieces

Correct Answer

When you want to break down complex tasks into smaller, more manageable pieces

Justification

A helper function in JavaScript should be used to break down complex tasks into smaller, more manageable pieces to improve code readability and maintainability. It should not be used to slow down code execution or unnecessarily complicate code.

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Summary

I'm done.

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