



Question 23

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1.00

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What is the the output of following code?

```
setTimeout(function(){  
    console.log('One');  
}, 1);  
console.log('Two');
```

Select one:

- ☐ a. Compilation error.
- ☐ b. Runtime error.
- ☒ c. First prints 'Two' and then 'One'.
- ☐ d. First prints 'One' and then 'Two'.



Question 18

Not yet answered

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What does "Closure" means in JavaScript?

Select one:

- ☐ a. Completed function without any flaws
- ☒ b. The nested function ability to access its parent function context anywhere it's being used.
- ☐ c. A nested function
- ☐ d. Define a function in one place and pass it to anywhere and use it



Question 13

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What isn't a type of NoSQL database?

Select one:

- ☐ a. Document
- ☒ b. Row
- ☐ c. Graph
- ☐ d. Column



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What is the main difference between a JavaScript object and a JSON object?

1. There is no difference.
2. JavaScript objects can have methods and JSON cannot.
3. In JSON attribute names (Object keys) should always be a String.

Select one:

- ☐ a. 1 and 3
- ☐ b. 1
- ☒ c. 2 and 3
- ☐ d. 2



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Question 20

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What is the HTTP status code 401 refer to?

Select one:

- ☐ a. Bad content.
- ☐ b. Conflict.
- ☒ c. Method is unsupported.
- ☐ d. None of the above.



Question 24

Not yet answered

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What is a code review? Select the best answer.

Select one:

- ☐ a. Test the code manually and using tools.
- ☐ b. Use a tool to analyze the code.
- ☒ c. Collaboratively check the code for potential errors and design compliance.
- ☐ d. Build code continuously to check if there are any build failures.

What is/are the correct statement(s) about promises in JavaScript?

1. There is no advantage of using promises over callbacks.
2. Promises make the code more readable.
3. A promise can chain asynchronous tasks to work in a synchronous manner.
4. Promises can make asynchronous (ex: perform NodeJS read file synchronously) operations synchronous.

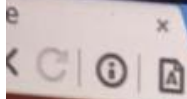
Select one:

- ☐ a. 1
- ☐ b. 2 and 3
- ☒ c. 2, 3 and 4
- ☐ d. 3

What is the main way of creating a static variable in JavaScript?

Select one:

- ☐ a. Define a variable inside the class with the 'var' keyword.
- ☐ b. Add variable to class (Constructor function) itself.
- ☐ c. Add the variable to 'this'.
- ☒ d. Use the 'static' keyword.



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In JavaScript, what does "__proto__" in an Object is pointing to?

Select one:

- ☒ a. To its class (Skelton) Prototype.
- ☐ b. There is no property as "__proto__".
- ☐ c. To the Object itself.
- ☐ d. To Its own unique Prototype object.





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1. There is no difference.
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3. In JSON attribute names (Object keys) should always be a String.

Select one:

- ☐ a. 1
- ☐ b. 1 and 3
- ☒ c. 2 and 3
- ☐ d. 2



What is the output of following?

//Assume Car and Vehicle are two classes that have been already implemented.

```
Car.prototype.getCar = function(){  
    console.log('Hello');  
}
```

```
Car.prototype = Vehicle.prototype;  
const car = new Car();  
car.getCar();
```

Select one:

- ☒ a.
An error will be thrown since there is no method as getCar().
- ☐ b. No output.
- ☒ c. Code will execute and print 'Hello'.
- ☐ d. None of the above.





In a REST service developed for a library has a route for creating books. What should be the URI for adding a new book for a given author? (Select the best suited one)

Select one:

- ☐ a. /v1/author/{author ID}/book/
- ☒ b. /v1/books?author={author ID}
- ☐ c. /v1/authors/{author ID}/books/
- ☐ d. /v1/authors/{author ID}/create

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Select one:

- ☐ a. /v1/authors/{author ID}/books/
- ☐ b. /v1/author/{author ID}/book/
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- ☐ d. /v1/authors/{author ID}/create

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What is the output of the following code?

```
function add(a, b){  
    return a+b;  
}
```

```
console.log(add(3,4,5));
```

Select one:

- ☐ a. undefined.
- ☒ b. 7
- ☐ c. Compilation error.
- ☐ d. 12



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What is the output of the following code?

```
function add(a, b){  
    return a+b;  
}
```

```
console.log(add(3,4,5));
```

Select one:

- ☒ a. 12
- ☐ b. 7
- ☐ c. Compilation error.
- ☐ d. undefined.



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Question 27

Not yet answered

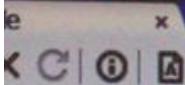
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What does it mean by static code analysis?

Select one:

- ☐ a. Checking the code for errors by another developer.
- ☒ b. Testing the code manually and automatically.
- ☐ c. Scan code using a tool for any potential erroneous scenarios and bad practices
- ☐ d. Testing the code manually.



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What is the output of the following code?

```
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    return a+b;  
}  
  
console.log(add(3,4,5));
```

Select one:

- ☐ a. undefined.
- ☐ b. 12
- ☐ c. Compilation error.
- ☒ d. 7



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