1. Node js is Asynchronous
2. Node js is Non-Blocking
3. Node js is single threaded
4. Node js is actually not a framework or a library, but a runtime environment, based on Chrome's V8 JavaScript engine.
5. Synchronous means execute top to bottom procedurally its means interpreter wait for completion of block of code and then execute next block.in this may be execution block.
6. Asynchronous means code execute without top to bottom procedurally.interpreter does not wait for result.if block of code takes more time then this execution goes background and interpreter start execute next block. Node js use function call backs for this purpose. When first block’s execution complete then function call back call to interpreter.
7. Function call back:  
   Node. js, being an asynchronous platform, doesn't wait around for things like file I/O to finish - Node. js uses callbacks. A callback is a function called at the completion of a given task; this prevents any blocking, and allows other code to be run in the meantime.
8. <https://www.guru99.com/node-js-interview-questions.html>
9. Promises:
10. Async/Await
11. Arrow function:  
    the arrow functions are only callable and not constructible, i.e arrow functions can never be used as constructor functions. Hence, they can never be invoked with the new keyword.  
    <https://medium.com/better-programming/difference-between-regular-functions-and-arrow-functions-f65639aba256#:~:text=Regular%20functions%20created%20using%20function,be%20used%20as%20constructor%20functions>.
12. Let VS var   
    var and let are both used for variable declaration in javascript but the difference between them is that var is function scoped and let is block scoped.  
    <https://www.geeksforgeeks.org/difference-between-var-and-let-in-javascript/#:~:text=var%20and%20let%20are%20both,program%20as%20compared%20to%20let>.

**Reference Sites For Interview Question:**

1. <https://www.guru99.com/node-js-interview-questions.html>

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You need to design a function, which will take an array of integers and will return smallest positive integer in that array.

Constraints: array contains both positive and negative integers, length of array in unspecified, array is not sorted

Example: array = [10, 12, 22, 0, -2, 5, 7, -3]

Answer: 5

Above is an example, understanding of question is a part of exercise. So no questions, you can assume things if there’s any ambiguity

for (var i =0; i < 10; i++){

console.log(i)

}

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for (var i =0; i < 10; i++){

setTimeout(()=>{

console.log(i);

}, 1000);

}