Logical Questions:

1. What will the code below output to the console and why ?

console.log(1 + "2" + "2");

console.log(1 + +"2" + "2");

console.log(1 + -"1" + "2");

console.log(+"1" + "1" + "2");

console.log( "A" - "B" + "2");

console.log( "A" - "B" + 2);

2. What will be the output of the following code:

for (var i = 0; i < 5; i++) {

setTimeout(function() { console.log(i); }, i \* 1000 );

}

3. What will be the output when the following code is executed? Explain.

console.log(false == '0')

console.log(false === '0')

4. What will the following code output to the console:

console.log((function f(n){return ((n > 1) ? n \* f(n-1) : n)})(10));

5. What do the following lines output, and why?

console.log(1 < 2 < 3);

console.log(3 > 2 > 1);

6. Imagine you have this code:

var a = [1, 2, 3];

a) Will this result in a crash?

a[10] = 99;

b) What will this output?

console.log(a[6]);

7. What is the value of typeof undefined == typeof NULL?

8 What would following code return?

console.log(typeof typeof 1);

9. What will the following code output and why?

var b = 1;

function outer(){

var b = 2

function inner(){

b++;

var b = 3;

console.log(b)

}

inner();

}

outer();

10. Writer a array with 3 elements and add new one at the end of array and another new one at the begining of the array.