

JavaScript Practice Questions (Basics):

1. What will be the output of the following code?

```
< script >
```

```
document.write( typeof( '1' + 2) );
```

```
</ script >
```

2. write a code to compare two string “apple” and “Apple”?

HINT : use of equals

3. What is the output of the below program

```
let i = 0;
while( i < 5){
    console.log('Hello World');
    i++;
}
```

4. what will be the output for the below program? please justify

```
function displayMessage() {
    let message = 'This is the message';
    console.log(message);
}
displayMessage();

console.log(message);
```

5. Create an object with two parameter and use for loop to get the value and key using javascript

Example :

Parameter 1 -> Name

Value1 -> javascript

Parameter 2 -> type

Value2-> programming

Create a object with the above parameter and value

Use forloop for iterating the value and key

5. Write example of random to get random number between 0 to 100

HINT: Math.random()

6. Write a code to correct the deimal place to 2 places

Example :

Declare a variable to use the value 34.7873454

Use javascript to correct the decimal places to 2 digit

7. Write a javascript class file with constructor without any parameter
8. Use of substring() in javascript with example
9. Example to slice() a string but with negative values
10. Difference between substring() and substr() with example
11. Can an abstract class be initialized give example and show the output
12. Write a javascript to get the current date and time
HINT: let today=new Date();
13. Write a program to reverse a string using javascript
Example : "abcd" to "dcba"
14. Check whether a number is prime number or not using javascript
15. Write a program for eval()
16. Use regular expression to get the letter from a string
Example : java123Script%*&^ → javaScript

Theoretical Questions:

1. Difference between == and ===
2. What is NaN property
3. Explain "this" keyword
4. Difference between exec() and test()
5. What is DOM and BOM
6. What are arrow functions
7. What is object destructuring
8. What is pass-by-reference and pass-by-value