

Assignment For Java Script

1. Write a JavaScript conditional statement to sort three numbers. Display an alert box to show the result.
 - a. *Sample numbers* : 0, -1, 4
 - b. *Output* : 4, 0, -1
2. Write a JavaScript for a loop that will iterate from n times. For each iteration, it will check if the current number is odd, even or prime, and display a message on the screen
 - a. "0 is even"
 - b. "1 is odd"
 - c. "2 is even and prime"
 - d. "3 is odd and prime"
 - e. "4 is even"
3. Write a JavaScript program to construct the following pattern, using a nested for loop.

```
* * * * *
* * * *
* * *
* *
*
```

4. Write a JavaScript function to hide email addresses to protect from unauthorized user

Test Data :

```
console.log(protect_email("eddygrant@example.com"));

"eddy....@example.com"
```

5. Write a JavaScript function to capitalize the first letter of each word in a string

```
console.log(capitalize_Words('hi from skillsanta'));

"Hi From Skillsanta"
```

6. Write a JavaScript function to truncate a string to a certain number of words.

Test Data :

```
console.log(truncate('The quick brown fox jumps over the lazy dog', 4));
```

Output :

"The quick brown fox"

7. Write a JavaScript function to find a word within a string.

Test Data :

```
console.log(search_word('The quick brown fox', 'fox'));
```

```
console.log(search_word('aa, bb, cc, dd, aa', 'aa'));
```

Output :

"'fox' was found 1 times."

"'aa' was found 2 times."

8. Write a javascript function to print the Fibonacci series of n times.

9. The Temperature Converter

Create a function called Celsius to Fahrenheit:

- Store a Celsius temperature into a variable.
- Convert it to Fahrenheit and output "NN°C is NN°F".

Create a function called Fahrenheit to celsius:

- Now store a Fahrenheit temperature into a variable.
- Convert it to celsius and output "NN°F is NN°C."

10. Write a JavaScript function that takes a string which has lower and upper case letters as a parameter and converts upper case letters to lower case, and lower case letters to upper case.

