

# ASSIGNMENT 12

## functions

1)Write a function to check whether input num is Even or Odd?

**Code:**

```
function Even_or_Odd(num) {  
  if (typeof num !== "number") {  
    console.log(`${num} is invalid input`);  
    return;  
  }  
  if (num % 2 == 0) {  
    console.log(`${num} is Even Number`);  
  } else if (num % 2 !== 0) {  
    console.log(`${num} is Odd Number`);  
  }  
}  
Even_or_Odd(10);  
Even_or_Odd(9);  
Even_or_Odd("hello");
```

**Output:**

10 is Even Nuber

9 is Odd Number

hello is Invalid input

2)Write a function to check whether input string is palindrome or not?

**Code:**

```
function palindrome(str1) {  
  let str2 = "";  
  for (i = str1.length - 1; i >= 0; i--) {  
    str2 = str2 + str1[i];  
  }  
  if (str1 === str2) {  
    console.log(`${str1} is a Palindrome`);  
  } else {  
    console.log(`${str1} is not a Palindrome`);  
  }  
}  
palindrome("malayalam");
```

**Output:**

malayalam is a Palindrome

3) Write a function to check the largest number among the three numbers?

**Code:**

```
function largest_number(a, b, c) {  
  if (a >= b && a >= c) {  
    console.log(`${a} is the largest number`);  
  } else if (b >= a && b >= c) {  
    console.log(`${b} is the largest number`);  
  } else if (c >= a && c >= b) {  
    console.log(`${c} is the largest number`);  
  } else {  
    console.log("Invalid input");  
  }  
}  
largest_number(-1000, 100, -90);
```

**Output:**

100 is the largest number