Functions in javascript

TASK

1.write a function to check whether input num is even or odd.

Method1:
```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
</head>
<body>
   <script>
   var num=+prompt("Enter a number");
   function number(a){
   if(a%2==0){
   console.log("even");
   }
   else
   console.log("odd");
   }
   number(num);
   </script>
</body>
</html>
```

Method2:
```
function num(a){
   (a%2==0)?console.log("even"):console.log("odd");
}
num(1);
```
Output: odd

2.write a function to check whether the input string is palindrome or not.

```
var str="mom";
function isPalindrome(a){
   if(a==a.split('').reverse().join('')){
      console.log("Palindrome");
   }
```

```
    else
    console.log("Not a Palindrome");
}
isPalindrome(str)
```
Output: Palindrome

3.write a function to check the largest number among three numbers.

Method1:
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <script>
      var num1=+prompt("Enter a first number");
      var num2=+prompt("Enter a second number");
      var num3=+prompt("Enter a third number");
      function largest(x,y,z){
        if(x>y && x>z){
            console.log(`${x} is largest`);
        }
        else if(y>x && y>z){
        console.log(`${y} is largest`);
        }
        else{
            console.log(`${z} is largest`);
        }
    }
      largest(num1,num2,num3)
    </script>
</body>
</html>
```

Method2:
```
var num1=8;
var num2=6;
var num3=93;
function largest(x,y,z){
    if(x>y && x>z){
        console.log(`${x} is largest`);
```

```javascript
    }
    else if(y>x && y>z){
        console.log(`${y} is largest`);
    }
    else
    console.log(`${z} is largest`);
}
largest(num1,num2,num3);
```