

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

```
//num+=prompt("enter a number:")  
function demo(num){  
    if(num%2==0){  
        console.log("even")  
    }  
    else{  
        console.log("odd")  
    }  
}  
demo(23)
```

Output:

```
PS D:\10k\HTML\js> node functions.js  
odd  
PS D:\10k\HTML\js> █
```

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

```
str=prompt("enter a string: ")  
var a=""  
function demo1(str){  
    for(i=str.length-1;i>=0;i--){  
        a=a+str[i]  
    }  
    //console.log(a)  
    if(a==str){  
        console.log("palindrome")  
    }  
    else{  
        console.log("not a palindrome")  
    }  
}  
demo1("hello")
```

Output:

```
PS D:\10k\HTML\js> node functions.js
not a palindrome
PS D:\10k\HTML\js> 
```

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

```
num1=+prompt("enter a num:")
num2=+prompt("enter a num:")
num3=+prompt("enter a num:")
function LarNum(a, b, c) {
  if (a >= b && a >= c) {
    return a;
  } else if (b >= a && b >= c) {
    return b;
  } else {
    return c;
  }
}
console.log(LarNum(num1,num2,num3))
```

Output:

```
enter a num:4
enter a num:3
enter a num:2
4

=== Code Execution Successful ===
```