

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

Code:

```
function num(num1) {  
    if (num1%2==0) {  
        console.log(`${num1} is even number`);  
    }  
    else{  
        console.log(`${num1} is odd number`);  
    }  
}  
num(2);  
num(29);  
num(30);  
num(87);
```

Output:

2 is even number

29 is odd number

30 is even number

87 is odd number

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

Code:

```
function palindrome(str) {  
    var str2="";  
    for (i = str.length - 1; i >= 0; i--) {  
        str2+=str[i];  
    }  
  
    if (str==str2) {  
        console.log(`${str} is palindrome`);  
    }  
    else{  
        console.log(`${str} is not a palindrome`);  
    }  
}  
palindrome("madam");  
palindrome("tree");  
palindrome("reason");  
palindrome("malayalam");  
palindrome("mom")
```

Output:

madam is palindrome

tree is not a palindrome

reason is not a palindrome
malayalam is palindrome
mom is palindrome

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

Code:

```
function great(a,b,c) {  
    if((a>b) && (a>c)) {  
        console.log(`${a} is greatest of all`);  
    }  
    else if((b>c) && (b>a)) {  
        console.log(`${b} is greatest of all`);  
    }  
    else{  
        console.log(`${c} is greatest of all`);  
    }  
}  
great(10,20,30)  
great(23,20,19)  
great(24,25,26)
```

Output:

30 is greatest of all
23 is greatest of all
26 is greatest of all