

Write a program to check whether even sum is greater or odd sum is greater.

input: Enter a number: 163382

output: Even sum is greater

input: Enter a number: 12345

output: Odd sum is greater 6 9

```
let num="12345"
let evensum=0
let oddsum=0
for(i=0;i<num.length;i++){
    let x=Number(num[i])
    if(x%2==1){
        oddsum=oddsum+x
    }
    else{
        evensum=evensum+x
    }
}
console.log(evensum,oddsum)
if(evensum>oddsum){
    console.log("even sum is greater")
}else{
    console.log("odd sum is greater")
}
```

Output:-

6 9

odd sum is greater

Write a program to print the difference between even sum and odd sum

input: Enter a number: 163382911

output: Difference: 2

```
let num="163382911"
evensum=0
oddsum=0
for(i=0;i<num.length;i++){
    let x=Number(num[i])
    if(x%2==1){
        oddsum=oddsum+x
    }
    else{
        evensum=evensum+x
    }
}
console.log(evensum,oddsum)
if(evensum>oddsum){
```

Write a program to check whether even sum is greater or odd sum is greater.

input: Enter a number: 163382

output: Even sum is greater

input: Enter a number: 12345

output: Odd sum is greater 6 9

```
    diff=evensum-oddsum;
    console.log(diff)
}
else{
    diff=oddsum-evensum;
    console.log(diff)
}
```

Output:- 16 18

2

1) Write a program to print the sum of odd digits in the number

input: Enter a number: 168347

output: Odd sum is : 11

```
let x="168347";
sum=0;
for(i=0;i<=x.length;i++){
    if(x[i]%2==1){
        sum=sum+Number(x[i])
    }
}console.log(sum)
```

Output:-

11