

1) Write a program to print even numbers in the given range 1, input num)

input: Enter a number: 10

Output: 2 4 6 8 10

code:-

```
var a=1,b=""
for(i=a;i<=10;i++){
    if(i%2<1){
        b+=i+" "
    }
}
```

console.log(b)

Write a program to print sum of odd numbers in the fibonnaci series

input: Enter no of series : 5 (0 1 1 2 3)

output: 5

code:-

num=5

a=0,b=1,s=0,i=1

```
while(i<=num){
    if(a%2==1){
        s=s+a
    }
    c=a+b
    a=b
    b=c
    i++
}
```

console.log(s)

3) Write a program to print sum of odd numbers in the fibonnaci series and number should be added only once

input: Enter no of series : 5

output: 4

code:-

num=5

a=0,b=1,s=0

```
i=1
while(i<=num){
    if(a%2==1){
        s=s+a
    }
    c=a+b
    a=b
    b=c
    i++
}
```

console.log(s-1)

4) Write a program to print the below series base don input

Enter a number: -10 (should not use <= operator)

output: -10 -9 -8 - 7 -6 - 5 - 4,,, -1

output: -1-2-3 ,,, -10 (should not use >= operator)

code:-

```
num=-10
s=""
for(i=num;!(i>=0);i++){
    s=s+i+" "
}
console.log(s)
s=""
for(i=-1;!(i<=num-1);i--){
    s=s+i+" "
}
console.log(s)
```
