NUMBER SERIES

Sum of series 1+3+5+7+……+N

INPUT:

```
n=int(input("enter value"))
sum=0
i=1
while(i<=1):
    print(i)
    sum=sum+i
    i=i+2
print(sum)
```

OUTPUT:

```
============= RES
enter value10
1
3
5
7
9
25
```

SUM OF SERIES 1+2+3+…+N

INPUT:

```
n=int(input("enter value"))
sum=0
i=1
while(i<=n):
    print(i)
    sum=sum+i
    i=i+1
print(sum)
```

OUTPUT:

```
enter value10
1
2
3
4
5
6
7
8
9
10
55
```

2. WHILE LOOP:

INPUT:

```
rows=5
i=1
while i<=rows:
    j=1
    while j<=i:
        print((i*2-1),end=" ")
        j=j+1
    i=i+1
    print(' ')
```

OUTPUT:

```
1
3 3
5 5 5
7 7 7 7
9 9 9 9 9
```

EQUILATERAL TRIANGLE PATTERN OF STAR:

INPUT:

```
for i in range(1,6):
    print()
    for j in range(i):
        print("*",end=" ")
```

OUTPUT:

PRINT ALL THE PRIME NUMBERS FROM 1-50

INPUT:

```
for Number in range (1, 51):
    count = 0
    for i in range(2, (Number//2 + 1)):
        if(Number % i == 0):
            count = count + 1
            break

    if (count == 0 and Number != 1):
        print(" %d" %Number, end = '  ')
```

OUTPUT: