

```

a =int(input())
i=1
s=0
while(i<=a):
    print(i)
    i=i+1
    s=s+i
print(s)

```

```

10
1
2
3
4
5
6
7
8
9
10
65

```

```

a=int(input())
sum=1
while(a!=0):
    sum=sum*a
    a=a-1
    print(a)
print("factorial",sum)

```

```

↳ 4
3
2
1
0
factorial 24

```

```

#adding only even number in n
a=int(input())
sum=0
for i in range(1,a):
    if((i%2==0)):
        sum=sum+i
print(sum)

```

```

10
20

```

```

a=int(input())

```

```

odd=0
for i in range(1,a):
    if(i%2!=0):
        odd=odd+i
print(odd)

```

```

10
25

```

```

a=int(input())
i=1
sum=0
while(i<=a):
    sum=(sum*sum) + i
    i=i+1
print("square",sum)

```

```

2
square 3

```

```

a=int(input())
i=1
sum=0
while(i<=a):
    sum=(sum*sum*sum) + i
    i=i+1
    print(i)
    print(sum)
print("cube",sum)

```

```

3
2
1
3
3
4
30
cube 30

```

```

a=int(input())
i=10
while(i<=a):
    if(a%i==0):
        print(i)
        i=i-1

```

```

12

```

```
a = "rathod anjali"  
for i in a:  
    print(i)
```

r  
a  
t  
h  
o  
d

a  
n  
j  
a  
l  
i

```
ord("a")
```

97

```
chr(97)
```

'a'

```
for i in range(ord('a'),ord('z')+1):  
    print(chr(i),",",end="")
```

a , b , c , d , e , f , g , h , i , j , k , l , m , n , o , p , q , r , s , t , u , v , w , x , y , z ,

```
for i in range(ord('A'),ord('Z')+1):  
    print(chr(i))
```

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P

Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z

```
a = ["a","e","i","o","u"]  
s=str(input())  
v=0  
c=0  
for i in s:  
    if i in a:  
        v+=1  
    else:  
        c+=1  
print("vowel",v)  
print("consonant",c)
```

```
anjali  
vowel 3  
consonant 3
```