

INPUT

```
#even numbers upto n along with sum (Ripunjay,Manasvi)
a=int(input('enter the upper limit = '))
sum=0
for i in range(2,a+1,2):
    sum=sum+i
    print(i,end=' ')
print('\nThe sum of ',a,'even natural numbers upto n = ',sum)
```

OUTPUT

```
enter the upper limit = 5
2 4
The sum of 5 even natural numbers upto n = 6
```

INPUT

```
#Table of a number(Ripunjay,Manasvi)
a=int(input('Enter the number = '))
print('The table of ',a,'is')
for i in range(1,11):
    print(a,'*',i,'=',a*i)
```

OUTPUT

```
Enter the number = 6
The table of 6 is
6 * 1 = 6
6 * 2 = 12
6 * 3 = 18
6 * 4 = 24
6 * 5 = 30
6 * 6 = 36
6 * 7 = 42
6 * 8 = 48
6 * 9 = 54
6 * 10 = 60
```

INPUT

```
# Armstrong number(Ripunjay,Manasvi)
a=int(input('enter any number = '))
c=a
sum=0
while c!=0:
    b=c%10
    sum=(b**3)+sum
    c=c//10
if a==sum:
    print('the number is an armstrong number')
else:
    print('the number is not an armstrong number')
```

OUTPUT

```
enter any number = 5
the number is not an armstrong number
```


INPUT

```
# Biggest digit from numbers(Ripunjay,Manasvi)
n=int(input('enter the number = '))
d=0
while n!=0:
    if n%10>d:
        d=n%10
    n=n//10
print('the biggest digit is = ',d)
```

OUTPUT

```
enter the number = 7645635345764569
the biggest digit is = 9
```

INPUT

```
# sum of positive and negative numbers from n numbers(Ripunjay,Manasvi)
n=int(input('how many numbers are there to be added = '))
print('enter the numbers')
sum1=0
sum2=0
p=0
q=0
for i in range(1,n+1):
    a=int(input(' '))
    if a>0:
        sum1=sum1+a
        p=p+1
    elif a<0:
        sum2=sum2+a
        q=q+1
    else:
        break
print('sum of all positive numbers is = ',sum1)
print('sum of all negative numbers is = ',sum2)
print('total positive numbers are ',p)
print('total negative numbers are ',q)
```

OUTPUT

```
how many numbers are there to be added = 4
enter the numbers
1
2
3
4
sum of all positive numbers is = 10
sum of all negative numbers is = 0
total positive numbers are 4
total negative numbers are 0
```

