1. **Python program to print Hello world!.**

program:

print ("Hello World..!!!!!!")

output:

Hello World..!!!!!!

1. **Python program to Add two Numbers (input should be given in a single line separated by spaces).**

program:

a,b=input("Enter a and b values:").split()

a=int(a)

b=int(b)

print(a,"+",b,"=",a+b)

output:

Enter a and b values:4 8

4 + 8 = 12

1. **Python program to calculate the area of triangle (A=1/2BH ,Bis base and H is height).**

program:

h,b=input("Enter height and base:").split()

h=float(h)

b=float(b)

print("Area of triangle is :",0.5\*h\*b)

output:

Enter height and base:5.8 6.2

Area of triangle is : 17.98

1. **Python program to swap two variables using and without using third variable.**

program:

a,b=input("Enter two values:").split()

print("Value of a and b before swapping:",a,b)

c=a

a=b

b=c

print("Value of a and b after swapping:",a,b)

output:

Enter two values:22 8

Value of a and b before swapping: 22 8

Value of a and b after swapping: 8 22

a,b=input("Enter two values:").split()

a=int(a)

b=int(b)

print("Value of a and b before swapping:",a,b)

a=a\*b

b=a/b

a=a/b

print("Value of a and b after swapping:",a,b)

output:

Enter two values:14 4

Value of a and b before swapping: 14 4

Value of a and b after swapping: 4.0 14.0

1. program:

l1=[]

n=int(input("Enter the number of elements:"))

for i in range(0,n):

k=int(input())

l1.append(k)

print("Result:")

for i in range(0,n):

if(l1[i]%10!=4):

print(l1[i])

output:

Enter the number of elements:5

12

14

24

17

19

Result:

12

17

19

1. program:

a=input("Enter a number:")

a=int(a)

if(a>0):

print("given number is positive")

elif(a<0):

print("given number is negative")

else:

print("given number is zero")

output:

Enter a number:28

given number is positive

N=input()

q\_li=[]

a\_li=[]

q\_li=N.split(" ")

for num in q\_li:

if num not in a\_li:

a\_li.append(num)

for i in range(0,len(a\_li)):

if i != len(a\_li)-1:

print(a\_li[i],end=" ")

else:

print(a\_li[i],end="")