1. Write a Python program to print "Hello Python"?

print("Hello Python")

1. Write a Python program to do arithmetical operations addition and division.?

a=5+8  
print(a)

a=5%8  
print(a)

1. Write a Python program to find the area of a triangle?

height=int(input("Enter height of traingle : "))  
base=int(input("Enter base of traingle : "))  
  
def areaOfTraingle(height,base):  
 a=0.5\*height\*base  
 print(a)  
  
areaOfTraingle(height,base)

1. Write a Python program to swap two variables?

a=int(input("enter first number : "))  
b=int(input("enter second number : "))  
  
def swapNum(a,b):  
 temp=a  
 a=b  
 b=temp  
 print(a,b)  
  
print("Before swapping : ")  
print(a,b)  
print("After swapping : ")  
swapNum(a,b)

1. Write a Python program to generate a random number?

from random import randint  
  
def genRandomNum(start=10,end=100):  
 print("A random number : ",randint(start,end))  
  
genRandomNum() # without argument  
  
N1=int(input("enter value for start : "))  
N2=int(input("enter value for end : "))  
print("Random number in given range is : ")  
genRandomNum(N1,N2) #with argument