a = "Hello Pyhton"

print(a)

b = input("enter your first number\n")

c = input("enter your second number\n")

d = float(b)+ float(c)

print("Addition of two number is\n",d)

print("The sum of {0} and {1} is {2}".format(b,c,d))

e = float(b)/float(c)

print("Division of two numbers is given by\n",e)

print("The division of {0} and {1} is {2}".format(b,c,d))

#Python program to find the area of a triangle?

import math

a = float(input("enter the length of the first side of the triangle\n"))

b = float(input("enter the length of the second side of the triangle\n"))

c = float(input("enter the length of the third side of the triangle\n"))

s = a+b+c/3

p = math.sqrt(s\*(s-a)\*(s-b)\*(s-c))

print("Area of the triangle is given by\n",p)

#Write a Python program to swap two variables?

x = float(input("enter your first number the number\n"))

y = float(input("enter your second number\n"))

x = x + y

y = x - y

x = x - y

print("Your swap number {0} and {1}".format(x,y))

P = int( input("Please enter value for P: "))

Q = int( input("Please enter value for Q: "))

# To Swap the values of two variables.

P, Q = Q, P

print ("The Value of P after swapping: ", P)

print ("The Value of Q after swapping: ", Q)

def swap(x,y):

print("Before swapping a:",x)

print("Before swapping b:",y)

x,y=y,x

print("After swapping a becomes :",x)

print("After swapping b becomes :",y)

a=int(input("Enter value : "))

b=int(input("Enter value : "))

swap(a,b)

# Program to generate a random number between 0 and 9

# importing the random module

import random

def randomchoose(a,b):

a = int(input("enter your first number\n"))

b = int(input("enter your second number\n"))

print(random.randint(a,b))

randomchoose(a,b)