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

print ('Hello Python')

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

num1 = input('Enter first number: ')

num2 = input('Enter second number: ')

# Add two numbers.

sum = float(num1) + float(num2)

# Subtract two numbers.

min = float(num1) - float(num2)

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

# Three sides of the triangle is a, b and c:

a = float(input('Enter first side: '))

b = float(input('Enter second side: '))

c = float(input('Enter third side: '))

# calculate the semi-perimeter.

s = (a + b + c) / 2.

# calculate the area.

area = (s\*(s-a)\*(s-b)\*(s-c)) \*\* 0.5.

1. Write a Python program to swap two variables?

# Python program to swap two variables

x = 5

y = 10

x = input('Enter value of x: ')

y = input('Enter value of y: ')

# create a temporary variable and swap the values

temp = x

x = y

y = temp

print('The value of x after swapping: {}'.format(x))

print('The value of y after swapping: {}'.format(y))

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

print(random.randint(0,100))