Python

Assignment-1

1. **Write a Python program to print "Hello Python"?**
2. Print (“Hello Python”)

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

1. num1 = int (input ("Enter the first number: "))

num2 = int (input ("Enter the second number: "))

# addition operation

sum= num1 + num2

# division operation (avoid division by zero)

if num2! = 0:

division= num1 / num2

else:

division = "Cannot divide by zero"

# Display the results

print (f"Addition: {num1} + {num2} = {sum}")

print (f"Division: {num1} / {num2} = {division}")

### 

### Write a Python program to find the area of a triangle?

1. # Get the base and height of the triangle from the user

b = float (input ("Enter the base of the triangle: "))

h = float (input ("Enter the height of the triangle: "))

# Calculate the area of the triangle

area = 0.5\* base \*height

# Display the result

print (f"The area of the triangle is {area}")

### Write a Python program to swap two variables?

1. x = int (input ())

y = int (input ())

print ("Initial Value of x =", x)

print ("Initial Value of y =", y)

temp = x

x = y

y = temp

print (After swaping value of x =", x)

print ("After swaping value of y =", y)

### Write a Python program to generate a random number?

1. import random

n = random.random()

print(n)