**ADITYA AMIN**

**ASSIGN : 01**

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 = int( input(“Enter First Number”))

B = int(input(“Enter First Number”))

print( f“Addition of two numbers is: {A+B}, and Dvision is {A/B}”)

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

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

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

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

# Calculate the area of the triangle

area = 0.5 \* base \* height

# Print the result

print("The area of the triangle is:", area)

1. Write a Python program to swap two variables?

# Get input values from the user

a = input("Enter the value of variable a: ")

b = input("Enter the value of variable b: ")

print("Before swapping:")

print("a =", a)

print("b =", b)

# Swap the values of a and b

a, b = b, a

print("After swapping:")

print("a =", a)

print("b =", b)

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

import random

# Generate a random integer between 1 and 100

random\_number = random.randint(1, 100)

print("Random number:", random\_number)