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

Ans1

print("Hello Python")

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

Ans2

num1 = float(input("Enter first number: "))

num2 = float(input("Enter second number: "))

addition\_result = num1 + num2

print("The result of addition is:", addition\_result)

if num2 != 0:

division\_result = num1 / num2

print("The result of division is:", division\_result)

else:

print("Cannot divide by zero")

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

Ans3

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

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

area = 0.5 \* base \* height

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

4. Write a Python program to swap two variables?

Ans4

var1 = input("Enter first variable: ")

var2 = input("Enter second variable: ")

print("Original values: var1 =", var1, "and var2 =", var2)

temp = var1

var1 = var2

var2 = temp

print("Swapped values: var1 =", var1, "and var2 =", var2)

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

Ans5

import random

random\_number = random.random()

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