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

Ans- print("Hello Python")

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

Ans- # Function to perform addition and division

def perform\_operations(a, b):

addition = a + b

division = a / b

return addition, division

# Test values

num1 = 10

num2 = 2

# Call the function and print the results

result\_addition, result\_division = perform\_operations(num1, num2)

print(f"Addition: {result\_addition}")

print(f"Division: {result\_division}")

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

Ans- # Function to calculate the area of a triangle

def triangle\_area(base, height):

area = 0.5 \* base \* height

return area

# Test values

base\_length = 10

height\_length = 5

# Call the function and print the result

area\_of\_triangle = triangle\_area(base\_length, height\_length)

print("Area of the triangle:", area\_of\_triangle)

1. **Write a Python program to swap two variables?**

Ans- # Function to swap two variables

def swap\_variables(a, b):

a, b = b, a

return a, b

# Test values

x = 5

y = 10

# Call the function and print the result

x, y = swap\_variables(x, y)

print("After swapping:")

print("x =", x)

print("y =", y)

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

Ans- import random

# Generate a random number between 1 and 100 (inclusive)

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

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