1. Ans. print("Hello World")

2. Ans.

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)

# Multiply two numbers

mul = float(num1) \* float(num2)

#Divide two numbers

div = float(num1) / float(num2)

# Display the sum

print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))

# Display the subtraction

print('The subtraction of {0} and {1} is {2}'.format(num1, num2, min))

# Display the multiplication

print('The multiplication of {0} and {1} is {2}'.format(num1, num2, mul))

# Display the division

print('The division of {0} and {1} is {2}'.format(num1, num2, div))

3. Ans.

# Python Program to find the area of triangle

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

print('The area of the triangle is %0.2f' %area)

4. Ans.

# Python program to swap two variables

# To take inputs from the user

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

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

temp = x

x = y

y = temp

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

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

5. Ans.

import random

print(random.randint(0,6))