===============================================================================

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

print("Hello Python")

===============================================================================

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

print(10/20)  
  
print(10 + 20)

===============================================================================

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

class triangle\_area():  
 base = int(input("Enter triangle base value: "))  
 height = int(input("Enter triangle height value: "))  
 triangle\_area = base \* height \* 0.5  
 print(f"Triangle area for base={base} and height={height} is {triangle\_area}")

Output:

Enter triangle base value: 2

Enter triangle height value: 3

Triangle area for base=2 and height=3 is 3.0

===============================================================================

1. Write a Python program to swap two variables?

class swap2var:  
 a=10  
 b=20  
 print("-----Before swap-----")  
 print("a value is: ", a)  
 print("b value is: ", b)  
 c = a  
 a = b  
 b = c  
 print("-----After swap-----")  
 print("a value is: ", a)  
 print("b value is: ", b)

Output:

-----Before swap-----

a value is: 10

b value is: 20

-----After swap-----

a value is: 20

b value is: 10

===============================================================================

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

import random  
class randomNumber():  
 print("Random number generated is :", random.random())

Output:

Random number generated is : 0.24476795394316198

===============================================================================