ASSIGNMENT - 26

QUESTION -01
Write a Python program to print "Hello Python"?

ANSWER :

```
In [1]: print ("Hello Python")
```

```
Hello Python
```

QUESTION -02
Write a Python program to do arithmetical operations addition and
division.?

ANSWER :

```
In [2]: # ADDITION OF TWO NUMBERS :
        a = int(input("enter a number a : "))
        b = int(input("enter a number b : "))

        c = a+b

        print("Addition of ",a,"and ",b," is ", c)
```

```
enter a number a : 12
enter a number b : 12
Addition of  12 and  12  is  24
```

```
In [3]: # DIVISION OF TWO NUMBERS :
        a = int(input("enter a number a : "))
        b = int(input("enter a number b : "))

        c = a/b

        print("Division of ",a,"and ",b," is ", c)
```

```
enter a number a : 12
enter a number b : 2
Division of  12 and  2  is  6.0
```

QUESTION - 03
Write a Python program to find the area of a triangle?

ANSWER :

```
THE FORMULA OF AREA IS 1/2 *BASE * HEIGHT
```

In [4]:
```python
base = int(input("Enter the Base of the triangle : "))
height = int(input("Enter the Height of the triangle : "))

area = 1/2 * base * height

print("Area of triangle is : ", area)
```

```
Enter the Base of the triangle : 12
Enter the Height of the triangle : 4
Area of triangle is :  24.0
```

```
QUESTION - 04
Write a Python program to swap two variables?
```

```
ANSWER :
```

In [8]:
```python
a = 10
b = 20

print("a is : " ,a)
print("b is : " ,b)
print("The Swapping of Numbers : ")

c = a
a = b
b = c

print("After The Swapping of Two Numbers a is ",a)
print("After The Swapping of Two Numbers b is ",b)
```

```
a is :  10
b is :  20
The Swapping of Numbers :
After The Swapping of Two Numbers a is  20
After The Swapping of Two Numbers b is  10
```

```
QUUESTION - 05
Write a Python program to generate a random number?
```

```
ANSWER :
```

In [9]:
```python
import random   #importing random module
```

In [12]:
```python
print(random.randint(0,10))  # random is the package and the randint is its
#randint creates random integer
```

```
4
```

In [ ]: