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

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

         Hello Python

In [2]:  1  "Hello Python"

Out[2]: 'Hello Python'
```

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

```
In [1]:  1  num1 = int(input("Enter Number1: "))
         2  num2 = int(input("Enter Number2: "))
         3
         4  addition = num1 + num2
         5  division = num1/num2
         6
         7  print("Addtion of two numbers Number1 + Number2 = ", addition)
         8  print("Division of two numbers Number1 / Number2 = ", division)

         Enter Number1: 5
         Enter Number2: 10
         Addtion of two numbers Number1 + Number2 =  15
         Division of two numbers Number1 / Number2 =  0.5
```

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

```
In [1]:  1  base = int(input("Enter 'base'   lenth of triangle: "))
         2  height = int(input("Enter 'height' lenth of triangle: "))
         3
         4  area = 0.5*base*height
         5  print()
         6  print("Area of Triangle = ", area, "square units" )

         Enter 'base'   lenth of triangle: 5
         Enter 'height' lenth of triangle: 10

         Area of Triangle =  25.0 square units
```

4. Write a Python program to swap two variables?

In [1]:
```
variable1 = 20
variable2 = 40

print("variables Before Swap")
print ("variable1 : " , variable1)
print ("variable2 : " , variable2)

# Swapping Variables
variable1, variable2 = variable2, variable1

print()
print("variables After Swap")
print ("variable1 : " , variable1)
print ("variable2 : " , variable2)
```

```
variables Before Swap
variable1 :  20
variable2 :  40

variables After Swap
variable1 :  40
variable2 :  20
```

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

In [1]:
```
import random
random.randrange(0,1000,1)
```

Out[1]: 19

```
import random
random.randrange(0,1000,1)
```

```
Signature: random.randrange(start, stop=None, step=1, _int=<class 'int'>)
Docstring:
Choose a random item from range(start, stop[, step]).

This fixes the problem with randint() which includes the
endpoint; in Python this is usually not what you want.
File:      c:\users\logins\anaconda3\lib\random.py
Type:      method
```