Python Basic Programming Assignment No 1

Q1.Write a Python program to print "Hello Python"?

In [2]:
```python
print("Hello Python")
```

```
Hello Python
```

Q2. 2. Write a Python program to do arithmetical operations addition and division.?

In [5]:
```python
Number1=int(input("Enter First Integer"))
Number2=int(input("Enter Second Integer"))
Addition = Number1 + Number2
Division = Number1 / Number2
print("Addition of numbers {0} and {1} is {2}".format(Number1,Number2,Addition))
print("Division of numbers {0} and {1} is {2}".format(Number1,Number2,Division))
```

```
Enter First Integer9
Enter Second Integer3
Addition of numbers 9 and 3 is 12
Division of numbers 9 and 3 is 3.0
```

Q3. Write a Python program to find the area of a triangle?

In [7]:
```python
def triangle_area(base, height):
    return 0.5 * base *height

base=int(input(" Enter Base of Triangle"))
height=int(input(" Enter Height of Triangle"))

print("Area of triangle is ", triangle_area(base, height))
```

```
Enter Base of Triangle9
Enter Height of Triangle15
Area of triangle is  67.5
```

Q4. Write a Python program to swap two variables?

In [8]:
```python
var1= input("Enter First Variable")
var2= input("Enter Second Variable")

print("Values of Variable 1 and 2 before swaping", var1 ,var2)
var1,var2=var2,var1
print("Values of Variable 1 and 2 after swaping", var1 ,var2)
```

```
Enter First Variable10
Enter Second Variable15
Values of Variable 1 and 2 before swaping 10 15
Values of Variable 1 and 2 after swaping 15 10
```

Q5. Write a Python program to generate a random number?

In [10]:
```python
import random
a=int(input("Enter Min number : "))
b=int(input("Enter Max number : "))
print(random.randint(a,b))
```

```
Enter Min number : 78
Enter Max number : 102
100
```

In [ ]: