

Programming Assignment_1

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

In [1]:

```
print("Hello Python")  
Hello Python
```

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

In [68]:

```
num1=int(input("Enter first number:- "))  
num2=int(input("Enter Second number:- "))  
  
#addition  
Add = num1+num2  
print("Addition of Num1 and Num2 is:-",Add)  
  
#division  
Divide = num1/num2  
print("Division of Num1 and Num2 is:-",Divide)  
  
Enter first number:- 4  
Enter Second number:- 9  
Addition of Num1 and Num2 is:- 13  
Division of Num1 and Num2 is:- 0.4444444444444444
```

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

In [7]:

```
BASE = float(input("b Base: "))  
Height = float(input("h height: "))  
  
Area_of_Triangle = (BASE*Height)/2  
print("Area of Trangle is:",Area_of_Triangle)  
  
b Base: 4  
h height: 6  
Area of Trangle is: 12.0
```

4. Write a Python program to swap two variables?

In [69]:

```
NumA=int(input("Enter Number for A:- "))  
NumB=int(input("Enter Number for B:- "))
```

```
print()
print("The NumA is:-",NumA,"before the swap")
print("The NumB is:-",NumB,"before the swap")
tem=NumA
NumA=NumB
NumB=tem
```

```
print()
print("The NumA is ",NumA,"after the swap")
print("The NumB is ",NumB,"after the swap")
```

```
Enter Number for A:- 4
Enter Number for B:- 7
```

```
The NumA is:- 4 before the swap
The NumB is:- 7 before the swap
```

```
The NumA is 7 after the swap
The NumB is 4 after the swap
```

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

In [66]:

```
import random as r
getNumber=[]
for i in range (0,50):
    getNumber.append(i)
# print(getNumber)
printNumber=r.choice(getNumber)
print(printNumber)

19
```