

1 Programming Assignment_1

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

In [1]:

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

Hello Python

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

In [3]:

```
1 a = float(input("Enter A : "))
2 b = float(input("Enter B : "))
3 addition = float(a+b)
4 division = float(a/b)
5 print("Addition : ", addition)
6 print("Division : ", division)
```

Enter A : 50

Enter B : 10

Addition : 60.0

Division : 5.0

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

In [2]:

```
1 base = float(input("Enter Base : "))
2 height = float(input("Enter Height : "))
3 area = 0.5*base*height
4 print("Area of Triangle is : ",area)
```

Enter Base : 20

Enter Height : 20

Area of Triangle is : 200.0

1.4 4. Write a Python program to swap two variables?

In [5]:

```
1 a = int(input("Enter A : "))
2 b = int(input("Enter B: "))
3 a,b = b,a
4 print("A : ",a)
5 print("B : ",b)
```

Enter A : 20

Enter B: 10

A : 10

B : 20

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

In [9]:

```
1 import random
2
3 x = random.randint(0,21)
4 print(x)
```

20

In []:

```
1
```