

# Programming Assignment\_1

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## 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 [5]: num1 = int(input("Enter the first number : "))
num2 = int(input("Enter the first number : "))

Addition = num1 + num2
Division = num1 / num2

print('\n')

print("Additon of the given numbers is :",Addition)
print("Division of the given numbers is :",Division)
```

Enter the first number : 4

Enter the first number : 2

Additon of the given numbers is : 6

Division of the given numbers is : 2.0

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

```
In [7]: Base = int(input("Enter the Base of the Triangle in meters : "))
Height = int(input("Enter the Height of the Triangle in meters : "))

Area = 0.5 * Base * Height

print('\n')

print("Area of the Triangle is : {} sq.m".format(Area))
```

Enter the Base of the Triangle in meters : 2

Enter the Height of the Triangle in meters : 4

Area of the Triangle is : 4.0 sq.m

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

```
In [9]: num1 = int(input("Enter the first number : "))
num2 = int(input("Enter the first number : "))

temp = num1
num1 = num2
num2 = temp

print('\n')
```

```
print("After Swap the numbers are :")
print("The First Number is :",num1)
print("The Second Number is :",num2)
```

Enter the first number : 1  
Enter the first number : 2

After Swap the numbers are :  
The First Number is : 2  
The Second Number is : 1

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

```
In [1]: import random
print(random.randint(0,10000))
```

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