

# 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 [2]:

```
a = 4  
b = 5 #addition operation
```

In [3]:

```
a + b
```

Out[3]:

9

In [4]:

```
a / b
```

Out[4]:

0.8

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

In [5]:

```
h = float(input("Enter height of the triangle: "))  
b = float(input("Enter base of the triangle: "))  
area = 0.5 * b * h  
print("Area of triangle = ", area)
```

Enter height of the triangle: 8

Enter base of the triangle: 9

Area of triangle = 36.0

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

In [6]:

```
x = 5
y = 10

# create a temporary variable and swap the values
z = x

x = y
y = z

print('the value of x after sweeping:',x)
print('the value of y after sweeping:',y)
```

the value of x after sweeping: 10  
the value of y after sweeping: 5

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

In [7]:

```
import random
n = random.random()
print(n)
```

0.11030665063866285

In [ ]: