In [1]:
```
#Q1 Write a Python program to print "Hello Python"
print("Hello Python")
```

```
Hello Python
```

In [2]:
```
# Write a Python program to print arithmetic operators addition and division

## Addition:
print(3+4)
print(5+6)

## Division:
# Float division
# Float division returns true division
print(5/2)
print(9/4)

# Floor division
# Floor division returns quotient obtained when dividing 2 numbers
print(5//2)
print(9//4)
```

```
7
11
2.5
2.25
2
2
```

In [3]:
```
# Write a Python Program to print the area of a triangle
a = eval(input("Enter first side: "))
b = eval(input("Enter second side: "))
c = eval(input("Enter third side: "))
s = (a+b+c)/2
area = (s*(s-a)*(s-b)*(s-c))**0.5
print(f"The area of triangle with sides {a}, {b} and {c} is {area} sq units")
```

```
Enter first side: 5
Enter second side: 6
Enter third side: 7
The area of triangle with sides 5, 6 and 7 is 14.696938456699069 sq units
```

In [5]:
```
# Write a Python Program to swap two variables
a = eval(input("Enter value for a: "))
b = eval(input("Enter value for b: "))
print("Before swap: ")
print(f"a = {a}, b = {b}")

a,b = b,a
print("After swap: ")
print(f"a = {a}, b={b}")
```

```
Enter value for a: 2
Enter value for b: 3
Before swap:
a = 2, b = 3
After swap:
a = 3, b=2
```

In [6]:
```
# Write a Python Program to generate a random number
import random
a = random.random()
print(a)
```

```
0.3720104438063091
```