

# Lesson: Python Development

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## Assignments → Operators

### 1. Build a Calculator

Requirements :

1. Use input function ( to get input from user)
2. User will enter :
  - a. Number\_one
  - b. Number\_two
  - c. operand

Example:

Input	Output
Enter a number_one : 12	The result is : 42
Enter a number_two : 30	
Enter a operand : +	

## Program to calculate area of a triangle

### Requirements

1. User Input
2. Use area of triangle formula

### Example :

Input :

Height = 4

Base = 6

Output:

Area of Triangle is 12

## Program to swap two numbers

Input :

$a = 5$

$b = 9$

Output

$a = 9$

$b = 5$

# Program to Convert Kilometers to Miles

```
Enter value in kilometers: 3.5  
3.50 kilometers is equal to 2.17 miles
```

# Program to find square root of a given number

```
The square root of 8.000 is 2.828
```

# Program to Find the Largest Among Three Numbers

Input :

num1 = 5  
num2 = 12  
num3 = 32

Output

The largest number is **32**

# Program to check given number is Prime or Not

Input :

Enter a number : 13

Output:

The number is Prime