

12/9/2025

Example programs:

1) print ("Hi good morning")

o/p - Hi good morning



2) `name = input("Enter your name")`  
Once you execute this code, you have to enter your name.

o/p: Enter your name: chaitra

3) `age = int(input("Enter your age"))`  
o/p: Enter your age: 25

4) Write a program to display:  
My name is Chaitra and age is 25

→ `print("my name is { } and age is { }".format(name, age))`

`name = "Chaitra"`

`age = 25`

`print("my name is { } and age is { }".format(name, age))`

→ Another way

`name = "Chaitra"`

`age = 25`

`print(f"my name is {name} and age is {age}")`

Note:- On which we do not perform mathematical operations those are considered as string.

5) Write a program to take a 2 number from user and perform all basic calculation operation.

`a = float(input("Enter value of a:"))`

`b = float(input("Enter value of b:"))`

`print(f"sum of {a} and {b} is {a+b} \n sub of {a} and {b} is {a-b} \n multiplication of {a} and {b} is {a*b} \n division of {a} and {b} is {a/b}")`

o/p: Enter value of a: 25

Enter value of b: 5

sum of a and b is 30.0

sub of a and b is 20.0

multiplication of a and b is 125.0

Division of a and b is 5.0

6) Write a program to calculate area of triangle and circle.

Area of triangle =  $\frac{1}{2} \times b \times h$

Area of Circle =  $\pi r^2$

`b = float(input("Enter the value of base:"))`

`h = float(input("Enter the value of height:"))`

`r = float(input("Enter the value of radius:"))`

`AOT = 0.5 * b * h`

`AOC = 3.14 * r * r`

`print(f"Area of triangle is {AOT} \n Area of circle {AOC}")`



7) Take a inputs like id, name, 3 sub marks from students and print total and percentage.

```
id = input("Enter stu id: ")
```

```
name = input("Enter your name: ")
```

```
marks1 = int(input("Enter 1st sub marks: "))
```

```
marks2 = int(input("Enter 2nd sub marks: "))
```

```
marks3 = int(input("Enter 3rd sub marks: "))
```

```
Total-marks = marks1 + marks2 + marks3
```

```
per = (Total-marks / 300) * 100
```

```
print ("Total marks is {Total-marks} in percentage is {per}")
```

o/p: Enter stu id : 1

Enter your name : Tahnvi

Enter 1st sub marks : 99

Enter 2nd sub marks : 98

Enter 3rd sub marks : 99

Total-marks is 296

percentage is 98.6666