

## Python examples showing how to input data

### # taking 1 input

```
x = input("Enter a number: ")
print("The number is", x)

#second method to print since x is of type String
print("The number is " + x)
```

### # taking 2 inputs separately

```
nb1 = input("Enter first number: ")
nb2 = input("Enter second number: ")
print(nb1, nb2)                # 5 6
print(nb1 + nb2)               # 56
print(int(nb1), int(nb2))      # 5 6
print(int(nb1) + int(nb2))     # 11
print(int(nb1 + nb2))          # 56
```

### # taking 2 inputs at a time

```
x, y = input("Enter two values: ").split()
print("Number of x: ", x)
print("Number of y: ", y)
print("x+y", int(x)+int(y))
```

### # taking 3 inputs at a time

```
x, y, z = input("Enter three values: ").split()
print("Total number of students: ", x)
print("Number of boys is : ", y)
print("Number of girls is : ", z)
```

### # taking 2 inputs at a time

```
a, b = input("Enter two values: ").split()
print("First number is {} and second number is {}".format(a, b))
#or
msg = "First number is {} and second number is {}"
print(msg.format(a, b))
```

**Exercise 1:** Write a python program that reads from input the name and the year of birth of a person and then print a greeting message with the name and age of that person

**Sample to Run:**

Enter your name and your birth year: **Sami 2000**

Welcome **Sami** your age is **23**

**Solution:**

```
name, yearBirth = input("Enter your name and your birth year").split()
```

```
age = 2023 - int(yearBirth)
```

```
print("Welcome", name, "your age is", age)
```

**#second print method**

```
print("Welcome " + name + " your age is " + age)
```

**#third print method**

```
print("Welcome {} your age is {}".format(name, age))
```