

# Reading the data from Key Board in Python

=>In Python Programing, to read the data from Key Board, we have two pre-defined functions. They are.

- 1) input()
- 2) input(Message)

## 1) input()

=>This Function is used for reading any type of data from Key Board in the form of str.

=>Programmatically, we can convert str type data into any Other Type of Values by using Type Casting Techniques.

=>Syntax:- varname=input()

=>Here varname contains the value coming from keyboard and whose type is str.

```
In [1]: n=input()
```

```
27
```

```
In [2]: n
```

```
Out[2]: '27'
```

```
In [3]: type(n)           # By Default input function takes "str" data type.
```

```
Out[3]: str
```

## 2) input(Message)

=>This Function is used for reading any type of data from Key Board in the form of str and with this function additionally it can give User-Prompting Message(s).

=>Syntax:- varname=input("Message")

=>Here varname contains the value coming from keyboard and whose type is str.

=>Here "Message" represents User-Prompting Message(s).

```
In [5]: n1=input("Enter your age:")
```

```
Enter your age:29
```

```
In [7]: type(n1)
```

```
Out[7]: str
```

```
In [8]: n1
```

```
Out[8]: '29'
```

```
In [10]: age=input("Enter your age:")  
print("You are already "+ age + " years old")
```

Enter your age:29

You are already 29 years old