

What Can You Do with Python?

1. Web development – Web framework like Django and Flask in Python. They help you write server side code which handles database, write backend programming logic, mapping urls etc.
2. Machine learning – There are many machine learning applications in Python. Machine learning is a way to write a logic so that it can learn and solve a particular problem on its own.
3. Data Analysis – Data analysis and data visualisation in form of dashboards can also be developed using Python.

How to Install Python

You can install Python on any operating system such as Windows, Mac OS, Linux, and others. To install the Python on your operating system, visit <https://www.python.org/downloads/>.



This is the official Python website and it will detect the operating system you are on and would recommend you to download Python. I would recommend you to download the latest version of Python 3. Installation steps are pretty simple.

print() and Input() Function

The print() function displays the given object to the standard output device (screen) or to the te other programming languages, Python print() function is most unique and versatile function.

print(objects)

where objects - An object is nothing but a statement that to be printed.

Example:

```
print("Python language is very easy to use.")
```

```
a = 10
```

```
# Two objects are passed in print() function
```

```
print("a =", a)
```

```
b = a
```

```
# Three objects are passed in print function
```

```
print('a =', a, '= b')
```

Output:

```
Python language is very easy to use.
```

```
a = 10
```

```
a = 10 = b
```

Python provides the `input()` function which is used to take input from the user. Let's understand the following example.

Example -

```
name = input("Enter a name of student:")  
print("The student name is: ", name)
```

Output:

```
Enter a name of student: Ajeet
```

```
The student name is: Ajeet
```

By default, the `input()` function takes the string input.