



Modules

A group of functions, variables and classes saved to a file, which is nothing but module.

Every Python file (.py) acts as a module.

Eg: durgamath.py

```
1) x=888
2)
3) def add(a,b):
4)     print("The Sum:",a+b)
5)
6) def product(a,b):
7)     print("The Product:",a*b)
```

durgamath module contains one variable and 2 functions.

If we want to use members of module in our program then we should import that module.

```
import modulename
```

We can access members by using module name.

```
modulename.variable
modulename.function()
```

test.py:

```
1) import durgamath
2) print(durgamath.x)
3) durgamath.add(10,20)
4) durgamath.product(10,20)
5)
6) Output
7) 888
8) The Sum: 30
9) The Product: 200
```