

Module

Consider a module to be the same as a code library.
A file containing a set of functions you want to include in your application.

Module is a file containing python definition & Statement .

Advantages


- :-Provide proper organization
- :-Code reusability
- :-Name Space Management
- :-Encapsulation



```
#WAP to greet u (save that file as greet.py)
def msg():
    print("Hello!\nGood Morning")
```

```
#import that greet file in another python file take an
example I just save this file using name module.py
import greet
greet.msg()
```


```
o/p
Hello!
Good Morning
```



```
Add.py
def add():
    a=int(input("Enter First no"))
    b=int(input("Enter Second no"))
    print("Addition=",a+b)
```

```
Module2.py
import Add
print("Enter your Name")
name=str(input())
print("Hello",name)
Add.add()
```

```
o/p
Enter your name
Riya
Hello Riya
Enter First no 23
Enter Second no 34
Addition=67
```



```
class Student:
    @staticmethod
    def add(a,b):
        print("Addition =",a+b)
s1=Student()
s1.add(a=int(input("1st no")),b=int(input("2nd no")))
```

```
import cal
cal.s1.add
```

```
1st no23
2nd no44
67
```