Modules in python

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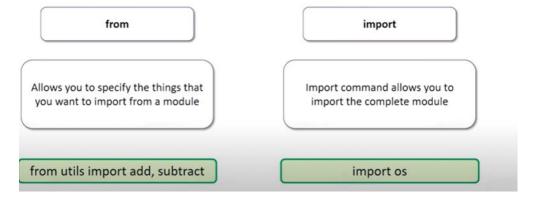
Α

To put it simply, Module is a file containing python code



A module can define functions, classes and variables and can also include runnable code. There are pre-defined modules in python standard library

There two keywords which are important in the modules of python



Here they are majorly we will write a function in one file and by using from and import we can use that public method in another

File-1

```
def add(x, y):
    return x + y

def multiply(x, y):
    return x + y
```

File-2

```
from utils import add, multiply

print(add(7, 9))
```

We can also import the 2 functions

```
from utils import add, multiply
print(add(7, 9))
print(multiply(7, 9))
```

Standard libraries in the Python

Python's standard library is very extensive and offers a wide range of facilities

The standard library contains built-in modules, that provides access functionalities such as I/O. All the data types, functions and modules that we

learned so far are available because of the standard library.

A Here by using libraries of OS I can print any file data in my console in python

```
1 import | ps
2
3 print(os.listdir('./data'))
```