

Modules are used to organize code

Each module can have it's own "main" code to test the module

Functions from a module can be imported

A special if statement is needed to prevent the "main" code from running when imported

1. Try running each module
2. Try running each module after removing the special if statement

```
# moduleA.py
# demonstrate how to import a module and call a function from it

# import the moduleB.py file
import moduleB

# sample function
def msg():
    print("Spring is coming!!!")

# prevent the code below from running when this module is imported
if __name__ == "__main__":
    print("Main from Module A")
    msg() # Call the function from moduleA
    moduleB.msg() # Call the function from moduleB


# moduleB.py
# sample module

# sample function
def msg():
    print("Today is Monday ...")

# prevent the code below from running when this module is imported
if __name__ == "__main__":
    print("Main from Module B")
    msg() # call the function from current module (ie. moduleB)
```