

```
if __name__ == '__main__':
```

# Script 1

```
if __name__ == '__main__':  
    print ('This program is being run by itself')
```

```
else:
```

```
    print ('I am being imported from another module')
```

- Did you run this program it will give 'This program is being run by itself'
- If you import the name of the file
- For example in python shell did you type like import example
- It will give the output as 'I am being imported from another module'

# **if `__name__` == `'__main__'`:**

- When the Python interpreter reads a source file, it executes all of the code found in it.
- Before executing the code, it will define a few special variables. For example, if the python interpreter is running that module (the source file) as the main program, it sets the special `__name__` variable to have a value `"__main__"`. If this file is being imported from another module, `__name__` will be set to the module's name.
- After setting up the special variables, it will execute the import statement and load those modules