



EXPLORER

OPEN EDITORS

percipio22_importing_module...

PYTHON

Automate-Boring-Stuff

my_code

Percipio_Python3-Course

01_Start

02_Data-Sequence Types

03_Collections-Mapping-Loopi...

04_Modules-Functions

__pycache__

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percipio23_defining_function...

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07_Comprehensions

08_Iterables-and-Generators

09_Exceptions

Python Projects_2014

CMD_Python_Set-Path.txt

Python_Basics.txt

percipio22_importing_module_repl.py x

```
1 # percipio22_importing_module_repl.py
2 # Percipio video: Modules and Functions; Importing a Module at the REPL
3 #
4 nl = '\n'
5 # "How to import a module from a Python Shell"
6 #
7 import os # os module
8 os.environ['PYTHONPATH'] # os environ varialbe contains a list of key and value pairs
9 # not working in Win10 Python, Idle-Shell, nor Idle-New File-F5
10 # Key is the name of the environment varialbe and the value is the path
11 #
12 import sys # sys module
13 sys.path # list of path variable sys module contains
14 # Working in Win10 Python, Idle-Shell, but not Idle-New File-F5
15 # Displays a list-object of directories Python will search, including 1st empty string of current dir
16 #
17 # Because this a list-object, to import a module, append above list to the path for the dir where needed module
18 # 2 backslashes must be written for each 1 needed since 1st one is an escape
19 sys.path.append('C:\\Users\\pcurtis7\\Desktop\\PhilCurtis\\Programing-Coding\\Python\\')
20 #
21 # TO CHANGE DIRECTORIES
22 os.chdir('C:\\Users\\pcurtis7\\Desktop\\PhilCurtis\\Programing-Coding\\Python\\')
23 #
24 import importlib # importlib module
25 importlib.reload(some-module) # some-module-which-youve-updated-and-need-to-reload
```