## **OS Module**

- OS module or Operating System module
- · The OS function that are related to files and directories are

```
os.name

os.getcwd()
os.chdir()
os.listdir()

os.mkdir()
os.makedirs()

os.remove()
os.remove()
os.removedirs()

os.rename()
```

## · Lets look at their functionality

```
os.getlogin() - gives user name which is logged in os.getcwd() - get current working directory os.chdir() - change directory os.listdir() - gives list of files in current directory os.mkdir() - create a folder os.makedirs() - create multiple folders os.remove() - remove a file os.rmdir() - remove a dir os.removedirs() - remove multiple dirs os.remove() - renames a folder
```

```
Python 3.10.3 (tags/v3.10.3:a342a49, Mar 16 2022, 13:07:40) [MSC v.1929 64 bit (
    AMD64)] on win32
                                            Type "help", "copyright", "credits" or "license()" for more information.
> 🖈 Quick access
                                        >>> import os
> OneDrive - Personal
                                        >>> os.name
✓ 🍮 This PC
 > 3D Objects
                                             'Abdul Bari
 > 🖹 Documents
 > - Downloads
 > 🄰 Music
                                             'C:\\Users\\Abdul Bari\\AppData\\Local\\Programs\\Python\\Python310'
 > Pictures
                                        >>> os.chdir('C:\\MyPython')
 > 📓 Videos

✓ U OS (C:)

                                       >>> os.getcwd()
  ABC Support
                                             C:\\MyPython'
                                       >>>
> GParent
> MyPython
                                           cos.issuir()
['Compress.py', 'cpp.png', 'dsharp.png', 'Database.py', 'Decompress.py', 'images
.zip', 'java.png', 'javascript.png', 'python.jpg', 'univ.db']
  > Program Files
  > Program Files (x86)
                                        >>> os.mkdir('C:\\ABC')
 > | Users
                                        >>> os.makedirs('C:\\GParent\Parent\Child')
  > Windows
 > Power Backup (E:)
> Power Backup (E:)
> 🏓 Network
```