

Chap.- 7 Module & Directories

• Import Module Methods

- `import file (filename.___)`
- `import file as d (d.___)`
 - (d is short variable)
- `from file import * (___)`

```
In [ ]: 1 import demo
        2 demo.mod1("R") # hello R
        3 print(demo.A) # 10
```

```
In [ ]: 1 import demo as d
        2 d.mod1('R') # hello R
        3 print(d.A) # 10
```

```
In [ ]: 1 from demo import *
        2 mod1('R') # hello R
        3 print(A) # 10
```

P.b.- 524

```
In [ ]: 1 import pb_524 as p
        2 p.st("Heyy This is Romil")
        3
        4 # Output :
        5 # HEYY THIS IS ROMIL
        6 # hey y this is romil
        7 # Heyy this is romil
        8 # False
        9 # False
```

```
In [ ]: 1 # pb_524.py (Module)
        2
        3 def st(a):
        4     print(a.upper())
        5     print(a.lower())
        6     print(a.capitalize())
        7     print(a.isupper())
        8     print(a.islower())
```

P.b.- 525

```
In [ ]: 1 from pb_525 import *
        2 cal(5,10)
        3
        4 # Output :
        5 # Summation is : 15
        6 # Subtraction is : -5
        7 # Multiplication is : 50
        8 # Division is : 0.5
        9 # Modulo is : 5
       10 # Exponent is : 9765625
```

```
In [ ]: 1 # pb_525.py (Module)
        2 def cal(a, b):
        3     print("Summation is :", a+b)
        4     print("Subtraction is :", a-b)
        5     print("Multiplication is :", a*b)
        6     print("Division is :", a/b)
        7     print("Modulo is :", a%b)
        8     print("Exponent is :", a**b)
```

P.b.- 527

```
In [ ]: 1 import pb_527 as p
        2 p.st('Hello Good Morning') # Hello
```

```
In [ ]: 1 # pb_527.py (Module)
        2
        3 def st(s):
        4     l = s.split(" ")
        5     print(l[0])
```

Inbuilt Module

- import os
- r stands for raw string (if str has \n = without error)

```
In [ ]: 1 import os
        2
        3 print(os.getcwd()) # C:\Users\LJENG\RomiL Monpara
        4 # current working directory
```

```
In [ ]: 1 import os
        2
        3 os.chdir(r"C:\Users\LJENG\Desktop") # change working directory
        4 print(os.getcwd()) # C:\Users\LJENG\Desktop
```

```
In [ ]: 1 import os
        2
        3 os.mkdir("RK")
        4 print(os.getcwd()) # C:\Users\LJENG\Desktop
```

```
In [ ]: 1 import os
        2
        3 os.chdir(r"C:\Users\LJENG\Desktop")
        4 os.rmdir("RK")
```

```
In [ ]: 1 os.mkdir(r"C:\Users\LJENG\.ipynb_checkpoints\RK")
```

```
In [ ]: 1 import os
        2
        3 print(os.listdir())
        4 # ['desktop.ini', 'fsd_c4', 'fsd_c4.rar', 'MongoDB', 'MongoDB.zip', 're
```

```
In [ ]: 1 import os
        2
        3 os.mkdir(r"C:\Users\LJENG\Desktop\RK")
```

```
In [ ]: 1 import os
        2
        3 os.remove(r"C:\Users\LJENG\Desktop\RK\aa.txt")
```

```
In [ ]: 1
```