Day 7 – PIP & MODULES

• Module is a set of file/function which can be included in the project

• Create a .py file and save it in the location of bin

```
def mymodule(var):
  print("Hi " + var)
```

• We can use the module by importing the py file in the current python file

```
import mymodule
mymodule.,mymodule("Dhoni")
```

• Modules can also contain variables in it which can be called from an another python file

• You can also name the module by using 'as'

```
Import special as sp
```

• There are several built-in modules in Python, which you can import whenever you like on your current python program

```
Import random
Import sys
```

• We can also take the particular function from a module

```
Example: from special import name
```

PIP:

• PIP is a package manager for Python packages, or modules

• We can download a package by using pip install

```
Example: pip install pandas
```

• Pip list command is used to list the packages present in the system

Exercises:

1. Install pandas package

```
In [9]: #installed already
        import pandas as pd
```

2. Import a module that picks random number and write a program to fetch a random number from 1 to 100 on every run

```
In [7]: import random
        a=random.randint(1,100)
        print(a)
```

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3. Import sys package and find the python path

```
In [8]: import sys
        print(sys.path)
```

['C:\\Users\\lenovo', 'C:\\Users\\lenovo\\Anaconda3\\python37.zip', 'C:\\Users
\\lenovo\\Anaconda3\\DLLs', 'C:\\Users\\lenovo\\Anaconda3\\lib', 'C:\\Users\\le
novo\\Anaconda3', '', 'C:\\Users\\lenovo\\Anaconda3\\lib\\site-packages',
'C:\\Users\\lenovo\\Anaconda3\\lib\\site-packages\\win32', 'C:\\Users\\lenovo
\\Anaconda3\\lib\\site-packages\\win32\\lib', 'C:\\Users\\lenovo\\Anaconda3\\li
b\\site-packages\\Pythonwin', 'C:\\Users\\lenovo\\Anaconda3\\lib\\site-packages
\\IPython\\extensions', 'C:\\Users\\lenovo\\.ipython']

Completed Day 7's notes & exercises

THANK YOU!

Check out My Repository at https://github.com/AakankshaJarode/BestEnlist_Python_Internship.git (https://github.com/AakankshaJarode/BestEnlist_Python_Internship.git)

Chech out My LinkedIn Page at https://www.linkedin.com/in/aakanksha-jarode-1b0195179 (https://www.linkedin.com/in/aakanksha-jarode-1b0195179)