**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 <module name>**

# Example: pip install pandas

# **Pip list command is used to list the packages present in the system**

# Exercises:

# **Create a python module with list and import the module in another .py file and change the value in list**

# **Install pandas package (try to import the package in a python file**

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

# **Import sys package and find the python path**

# **Try to install a package and uninstall a package using pip**