

Exercises:

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

In [2]:

```
import my_module as mod
```

In [12]:

```
mymodule()
```

```
['Guava', 'Banana', 'Mango', 'Orange']
```

In [14]:

```
l1[0]="Apple"  
l1
```

Out[14]:

```
['Apple', 'Banana', 'Mango', 'Orange']
```

2. Install pandas package (try to import the package in a python file

In [15]:

```
pip install pandas
```

```
Requirement already satisfied: pandas in c:\users\vinit\anaconda3\lib\site-p  
ackages (1.0.1)  
Requirement already satisfied: pytz>=2017.2 in c:\users\vinit\anaconda3\lib  
\site-packages (from pandas) (2019.3)  
Requirement already satisfied: python-dateutil>=2.6.1 in c:\users\vinit\anac  
onda3\lib\site-packages (from pandas) (2.8.1)  
Requirement already satisfied: numpy>=1.13.3 in c:\users\vinit\anaconda3\lib  
\site-packages (from pandas) (1.18.1)  
Requirement already satisfied: six>=1.5 in c:\users\vinit\anaconda3\lib\site  
-packages (from python-dateutil>=2.6.1->pandas) (1.14.0)  
Note: you may need to restart the kernel to use updated packages.
```

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

In [16]:

```
import numpy as np
```

In [17]:

```
np.random.randint(1,100)
```

Out[17]:

20

In [18]:

```
np.random.randint(1,100,7)
```

Out[18]:

```
array([31, 90, 68, 91, 42, 33, 36])
```

4. Import sys package and find the python path

In [19]:

```
import sys
```

In [20]:

```
sys.path
```

Out[20]:

```
['C:\\Users\\vinit',  
'C:\\Users\\vinit\\anaconda3\\python37.zip',  
'C:\\Users\\vinit\\anaconda3\\DLLs',  
'C:\\Users\\vinit\\anaconda3\\lib',  
'C:\\Users\\vinit\\anaconda3',  
,,  
'C:\\Users\\vinit\\anaconda3\\lib\\site-packages',  
'C:\\Users\\vinit\\anaconda3\\lib\\site-packages\\win32',  
'C:\\Users\\vinit\\anaconda3\\lib\\site-packages\\win32\\lib',  
'C:\\Users\\vinit\\anaconda3\\lib\\site-packages\\Pythonwin',  
'C:\\Users\\vinit\\anaconda3\\lib\\site-packages\\IPython\\extensions',  
'C:\\Users\\vinit\\.ipython']
```

5. Try to install a package and uninstall a package using pip

In [2]:

```
pip install django
```

Requirement already satisfied: django in c:\users\vinit\anaconda3\lib\site-packages (3.2.4)

Requirement already satisfied: asgiref<4,>=3.3.2 in c:\users\vinit\anaconda3\lib\site-packages (from django) (3.4.0)

Requirement already satisfied: sqlparse>=0.2.2 in c:\users\vinit\anaconda3\lib\site-packages (from django) (0.4.1)

Requirement already satisfied: pytz in c:\users\vinit\anaconda3\lib\site-packages (from django) (2019.3)

Requirement already satisfied: typing-extensions; python_version < "3.8" in c:\users\vinit\anaconda3\lib\site-packages (from asgiref<4,>=3.3.2->django) (3.10.0.0)

Note: you may need to restart the kernel to use updated packages.

In []:

```
#pip uninstall tkinter
```

In []:

In []: