Assignment -2

1. Write a Python program to display the first and last items from the following list.
   * **Unit Test:** fruits=[‘Apple’,’Orange’,’Grapes’,’Banana’,’Papaya’]
   * Write a python program to display the length of this list
     1. Output: 5

Create a list fruits as given above

* + Append the fruit ‘kiwi’ and ‘lemon’ to fruits list
  + Print the list again
  + Remove the ‘Grapes’ from the list
  + Sort the fruits in ascending order
  + Sort the fruits in descending order

1. Write a Python program to create two sets called Bollywood and Hollywood movies

**Unit Test:** hollywood={‘Avatar’,’Avengers’,’Starwars’,’Gravity’,’Titanic’,’JurassicPark’}

Bollywood={‘PK’,’3idiots’,’Dhoom’,’Sholay’, ’Dil Se’}

* Write a python program to display the length of the set
* Update another five movies in Bollywood,
* Update ‘slum dog millionaire’ in Bollywood and Hollywood
* Find a similar movie and update in both
* Find the intersection of Hollywood and Bollywood
* Find the union, set difference, symmetric difference

1. Write a Python program to create dictionary called fruits\_price

* **Unit Test:** fruits\_price={‘Apple’:150,’Orange’:80,’Grapes’:60,’Banana’:40,’Papaya’:100]
* Write a python program to display the length of the dictionary
* Create a list fruits as given above
* Get at least another five fruit names from the user and its unit price, update the values in the list
* Display the list of fruits available.