

## ArrayList

1. Write a Java program to create a new array list, add some elements (string) and print out the collection and perform the following operations,
  - insert an element into the array list at the first position
  - remove the fifth element from a array list
  - retrieve an element (at a specified index) from a given array list
  - update specific array element by given element
  - search an element in a array list
  - test an array list is empty or not
  - print all the elements of a Array List using the position of the elements
  - extract a portion of a array list
  - find the number of elements present in an ArrayList
  - Using, Collections method perform the following,
    - sort a given array list
    - shuffle elements in a array list
    - reverse elements in a array list
2. Write a Java program to create ArrayList of user defined objects called **Person** with name and age as parameters and perform few operations mentioned in question1.