ArrayList Assignments
Mandatory
1. WAP to add elements to arraylist without using generics (no <>) and print content of it where Integer is used. In second arraylist String is used.
2. WAP add elements to arraylist without using generics, 0th location keep Integer, 1st location String now print each element and display contents.
3. WAP to use add operation of ArrayList
4. WAP to print all elements of ArrayList using iterator
5. WAP to iterate through all elements in an ArrayList using for loop
6. WAP to iterate through all elements in an ArrayList using for each
7. WAP to create a new ArrayList, add some colors (string) and print the collection.
8. WAP to remove element from ArrayList
9. WAP to remove all elements from ArrayList
10. WAP to retain all elements from ArrayList
11. WAP to know how many elements in ArrayList
12. WAP to test an ArrayList is empty or not
13. WAP to empty ArrayList
14. WAP to search an element from ArrayList
15. WAP to search the specified collection in this collection
16. WAP to retrieve an element (at a specified index) from a given ArrayList
17. WAP to insert an element into the ArrayList at the first position
18. WAP to add 1 to 50 numbers in ArrayList and print only even numbers (using iterator)
19. WAP to match two collections
20. WAP to check if collection is empty
21. WAP to convert collection into array
22. WAP of swap two elements in an ArrayList
23. WAP to replace the second element of an ArrayList with the specified element
24. WAP to create Emp (id,name,sal) object and add 2objects to ArrayList. Sysout and see both variable memory space is printed. This is because toString is not overriden but if you would have done this for Integer then beautiful output would have been printed.
25. Now override toString for earlier assignment and now sysout and see values are printed
26. WAP to print Emp whose salary is > 10000
27. WAP to print Emp who have name "Sachin"
28. WAP to print Emp who have highest number of salary

AddOns
29. WAP to use add all elements to ArrayList
30. WAP to sort a given ArrayList
31. WAP to copy one ArrayList into another
32. WAP to compare two ArrayLists print if equal?
33. WAP to join two ArrayLists
34. WAP to clone an ArrayList to another ArrayList
35. WAP to empty an ArrayList
36. WAP to trim the capacity of an ArrayList the current list size
37. WAP to increase the size of an ArrayList
38. WAP to update specific array element by given element
39. WAP to remove the third element from an ArrayList

40. WAP to shuffle elements in an ArrayList
41. WAP to reverse elements in an ArrayList
42. WAP to extract a portion of an ArrayList
43. WAP to print all the elements of an ArrayList using the position of the elements