**Exercise for list PG NO 614 & 615**

Self review Questions : SR 15.4, 15.5

Ex 15.1, 15.2,15.6

Programming project

PP 15.6, 15.7, 15.15

1. ArrayList implements which of the following?
   1. List
   2. Random Access
   3. Cloneable
   4. All of the above
2. What should we use when add and remove operations are more frequent than get operations?
   1. LinkedList
   2. ArrayList
   3. Vector
   4. All of the above
3. How to read all elements in ArrayList by using iterator
4. How to copy or clone a ArrayList?
5. How to find does ArrayList contains all list elements or not
6. Perform sort and reverse sort on arraylist
7. Write a Java program to compare two array lists.
8. Write a function sumlist(LinkedList<Integer> lst) that adds up a list of Integer.
9. Write a function reverse(LinkedList<Object> lst) that produces a new list in the reverse order of the input list.
10. Write a Java program to append the specified element to the end of a linked list
11. Write a Java program of swap two elements in an linked list.
12. Write a Java program to join two linked lists.