Handson On Collection :

1) import java.util.\*;  
public class Solution1{  
  public static void main(String[] args) {  
  List<String> list\_Strings = new ArrayList<String>();  
  list\_Strings.add("Red");  
  list\_Strings.add("Green");  
  list\_Strings.add("Orange");  
  list\_Strings.add("White");  
  list\_Strings.add("Black");  
  System.out.println(list\_Strings);  
}  
}  
  
2) import java.util.\*;  
  public class Solution 2{  
  public static void main(String[] args) {  
  
  List<String> list\_Strings = new ArrayList<String>();  
  list\_Strings.add("Red");  
  list\_Strings.add("Green");  
  list\_Strings.add("Orange");  
  list\_Strings.add("White");  
  list\_Strings.add("Black");  
   
  System.out.println(list\_Strings);  
  
  list\_Strings.set(2, "Yellow");  
  
  System.out.println(list\_Strings);  
}  
}  
  
3) import java.util.\*;  
  public class Solution3{  
  public static void main(String[] args) {  
   List<String> list\_Strings = new ArrayList<String>();  
  list\_Strings.add("Red");  
  list\_Strings.add("Green");  
  list\_Strings.add("Orange");  
  list\_Strings.add("White");  
  list\_Strings.add("Black");  
  
  System.out.println(list\_Strings);.  
  list\_Strings.remove(2);  
  
  System.out.println("After removing third element from the list:\n"+list\_Strings);  
}  
}  
4)import java.util.LinkedList;  
  public class Solution 4{  
  public static void main(String[] args) {  
  
     LinkedList<String> l\_list = new LinkedList<String>();  
  
          l\_list.add("Red");  
          l\_list.add("Green");  
          l\_list.add("Black");  
          l\_list.add("White");  
          l\_list.add("Pink");  
          l\_list.add("Yellow");  
  
    
   System.out.println("The linked list: " + l\_list);  
   }  
}  
5)import java.util.LinkedList;  
import java.util.Iterator;  
  public class Solution 5{  
  public static void main(String[] args) {  
        LinkedList<String> l\_list = new LinkedList<String>();  
  
          l\_list.add("Red");  
          l\_list.add("Green");  
          l\_list.add("Black");  
          l\_list.add("White");  
          l\_list.add("Pink");  
  
   Iterator p = l\_list.listIterator(1);  
 while (p.hasNext()) {  
   System.out.println(p.next());  
   }  
   }  
}  
6)import java.util.Arrays;  
import java.util.List;  
import java.util.ListIterator;  
  
class Main  
{  
     
    public static void main(String[] args)  
    {  
        List<String> list = Arrays.asList("C", "C++", "Java");  
  
         
        ListIterator<String> itr = list.listIterator(list.size());  
  
     
       while (itr.hasPrevious()) {  
            System.out.println(itr.previous());  
        }  
    }  
}  
7)import java.util.LinkedList;  
import java.util.Iterator;  
  public class Solution 7 {  
  public static void main(String[] args) {  
        LinkedList<String> l\_list = new LinkedList<String>();  
  
          l\_list.add("Red");  
          l\_list.add("Green");  
          l\_list.add("Black");  
          l\_list.add("Pink");  
          l\_list.add("orange");  
       
  
   System.out.println("Original linked list:" + l\_list);   
  
      Object first\_element = l\_list.getFirst();  
    System.out.println("First Element is: "+first\_element);  
  
     
    Object last\_element = l\_list.getLast();  
    System.out.println("Last Element is: "+last\_element);  
}  
}

8)import java.util.LinkedList;  
import java.util.Iterator;  
  public class Solution8 {  
  public static void main(String[] args) {  
     
     LinkedList<String> l\_list = new LinkedList<String>();  
  
          l\_list.add("Red");  
          l\_list.add("Green");  
          l\_list.add("Black");  
          l\_list.add("Pink");  
          l\_list.add("orange");  
       
       
   System.out.println("Original linked list:" + l\_list);   
  for(int p=0; p < l\_list.size(); p++)  
   {  
      System.out.println("Element at index "+p+": "+l\_list.get(p));  
    }  
}  
}

9)import java.util.\*;  
public class Solution9 {  
public static void main(String[] args) {  
   
  LinkedList <String> c1 = new LinkedList <String> ();  
            c1.add("Red");  
          c1.add("Green");  
          c1.add("Black");  
          c1.add("White");  
          c1.add("Pink");  
          System.out.println("Original linked list: " + c1);     
            String x = c1.peekLast();  
    System.out.println("Last element in the list: " + x);  
    System.out.println("Original linked list: " + c1);  
     
}  
}

10)import java.util.\*;  
public class Solution10 {  
public static void main(String[] args) {

LinkedList <String> c1 = new LinkedList <String> ();  
            c1.add("Red");  
          c1.add("Green");  
          c1.add("Black");  
          c1.add("White");  
          c1.add("Pink");  
          System.out.println("Original linked list: " + c1);  
            
      
    if (c1.contains("Green")) {  
       System.out.println("Color Green is present in the linked list.");  
    } else {  
       System.out.println("Color Green is not present in the linked list.");  
     }  
     
  
    if (c1.contains("Orange")) {  
       System.out.println("Color Orange is present in the linked list.");  
    } else {  
       System.out.println("Color Orange is not present in the linked list.");  
     }  
     
}  
}

11)import java.util.LinkedList;  
import java.util.Collections;  
  public class Solution11 {  
  public static void main(String[] args) {  
          LinkedList<String> c1= new LinkedList<String>();  
          c1.add("Red");  
          c1.add("Green");  
          c1.add("Black");  
          c1.add("White");  
          c1.add("Pink");  
          System.out.println("Original linked list: " + c1);  
           
          c1.set(1, "Orange");  
          System.out.println("The value of second element changed.");  
          System.out.println("New linked list: " + c1);  
   }  
}