1. program to take input of two integer arrays from the user and to find the sum of both the arrays.

Sort the elements of the resultant array in ascending order using selection sort.



2.program to take input of Two arrays and store the similar elements into the resultant array.

sort the resultant array in ascending order using bubble sort.

NOTE: there must at least be 6 similar elements.

similar elements= the elements occurring in both the arrays.



3.program to take input two arrays and store the dissimilar elements into a resultant array.

sort the resultant array in a descending order using bubble sort.

dissimilar elements= the elements not occurring in both the arrays.(unique elements)



1. Implement Array List and add, remove, elements in the Array List and perform sorting of the elements using the iterator.

import java.util.ArrayList;

import java.util.Collections;

public class ArrayListEx {

public static void main(String[] args)

{

ArrayList<String>list=new ArrayList<String>();

list.add("Volkswagen");

list.add("Toyota");

list.add("Audi");

list.add("Mercedez");

list.add("BMW");

list.add("Hyundai");

System.out.println("The elements in ArrayLists are: "+list);

list.remove(5);

System.out.println("The contents of list after removing the element at

5th position is: "+list);

Collections.sort(list);

System.out.println("After sorting the list: "+list);

}

}

1. Implement LinkedList and add, remove, elements in the LinkedList and perform sorting of the elements using the iterator.

Import java.util.LinkedList;

import java.util.ListIterator;

public class LinkedListEx {

public static void main(String[] args)

{

LinkedList<String>list=new LinkedList<String>();

list.add("Red");

list.add("Italy");

list.add("Blue");

list.add("London");

list.add("Paris");

System.out.println("Linkedlist: "+list);

ListIterator list\_iter=list.listIterator(2);

System.out.println("The list is as follows: ");

while(list\_iter.hasNext()) {

System.out.println(list\_iter.next());

}

}

}