Lab Assignment No: 05

Problem statement: Collections

**Design a java application to demonstrate use of ArrayList Collections.**

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CLASS: SYMCA BRANCH: MCA BATCH: B1

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Question:

**Design a java application to demonstrate use of ArrayList Collections.**

Solution:

package ArrayListProg;

import java.util.\*;

public class ArrayListProg {

public static void main(String args[]) {

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

obj.add("Chaitanya");

obj.add("Prateek");

obj.add("Abhijeet");

obj.add("Aneesh");

obj.add("Sagar");

// Displaying elements

System.out.println("Original ArrayList:");

for(String str:obj)

System.out.println(str);

obj.add(0, "Siddharth");

obj.add(1, "Padmesh");

// Displaying elements

System.out.println("ArrayList after add operation ::");

for(String str:obj)

System.out.println(str);

//Remove elements from ArrayList like this

obj.remove("Siddharth");

obj.remove("Padmesh");

// Displaying elements

System.out.println("ArrayList after remove operation ::");

for(String str:obj)

System.out.println(str);

//Remove element from the specified index

obj.remove(1);

// Displaying elements

System.out.println("Final ArrayList :: ");

for(String str:obj)

System.out.println(str);

// Displaying elements in sorted fromat

Collections.sort(obj);

System.out.println("Sorted ArrayList :: ");

for (String str : obj) {

System.out.println(str);

}

}

}

