1] create one array list add all car name to the list and display it.

import java.util.ArrayList;

public class CarList{

public static void main(String[] args){

ArrayList carList=new ArrayList();

carList.add("Hyundai");

carList.add("Tata");

carList.add("Ford");

carList.add("Audi");

carList.add("BMW");

System.out.println("List of Car Names:"+carList);

}

}

Output:

List of Car Names:[Hyundai, Tata, Ford, Audi, BMW]

=== Code Execution Successful ===

2] write a java program to replace the 2nd element of arraylist with specified element.

import java.util.ArrayList;

public class Main {

public static void main(String[] args) {

ArrayList list=new ArrayList();

list.add("Apple");

list.add("Banana");

list.add("Cherry");

list.add("Strawberry");

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

String n="Grapes";

list.set(1,n);

System.out.println("Modified ArrayList: "+list);

}

}

Output:

Original ArrayList: [Apple, Banana, Cherry, Strawberry]

Modified ArrayList: [Apple, Grapes, Cherry, Strawberry]

=== Code Execution Successful ===

3] write a java program to create an arraylist add some colors and display it.

import java.util.ArrayList;

public class Main{

public static void main(String[] args){

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

colors.add("Red");

colors.add("Green");

colors.add("Blue");

colors.add("Yellow");

colors.add("Purple");

System.out.println("Colors in the ArrayList:"+colors);

}

}

Output:

Colors in the ArrayList:[Red, Green, Blue, Yellow, Purple]

=== Code Execution Successful ===

4] write a java program to reverse the element in the array list.

import java.util.ArrayList;

import java.util.Collections;

public class ReverseArrayList{

public static void main(String[] args){

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

arrayList.add("Riya");

arrayList.add("Homi");

arrayList.add("Amirthu");

arrayList.add("Swapu");

arrayList.add("Ovi");

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

Collections.reverse(arrayList);

System.out.println("Reversed ArrayList: " +arrayList);

}

}

Output:

Original ArrayList: [Riya, Homi, Amirthu, Swapu, Ovi]

Reversed ArrayList: [Ovi, Swapu, Amirthu, Homi, Riya]

=== Code Execution Successful ===