package com.syntax.class27;

import java.util.ArrayList;

import java.util.Iterator;

public class ArrayListAndIterator {

public static void main(String[] args) {

//let's create an ArrayList of chocolate

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

choco.add("kinder");

choco.add("godiva");

choco.add("kit kat");

choco.add("snikers");

//create arraylist of sweets

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

sweets.add("ice cream");

sweets.add("cheese cake");

sweets.addAll(choco);

System.out.println(sweets.size());

System.out.println(sweets);

//we want to iterate through the collection

Iterator<String> it=sweets.iterator();

//iterates in 1 direction

while(it.hasNext()) {

String element=it.next();

if(element.equals("ice cream")) {

it.remove();

}

}

System.out.println(" Arraylist after removing element ");

System.out.println(sweets);

//I want to get elements backwards

for(int i=sweets.size()-1; i>=0; i--) {

System.out.print(sweets.get(i)+";");

}

//advanced for loop

//iterates/loops in 1 direction

for(String str: sweets) {

System.out.println(str);

}

}

}