import java.util.ArrayList;

class ArrayListDemo {

public static void main(String[] args) {

ArrayList obj=new ArrayList();

obj.add("abc");

obj.add("abc");

obj.add("abc");

obj.add("abc");

obj.add("abc");

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

ArrayList foods=new ArrayList();

foods.add("biryani");

foods.add("soups");

foods.add("chicken65");

foods.add("vegbiryani");

foods.add("pizza");

System.out.println(foods.contains("pizza"));

//Iterator str=set.iterator();

for(String s: foods)

{

System.out.println(s);

}

foods.add(5,"icecream");

foods.remove(3);

}

}

------------------------------------------------------------------

import java.util.HashSet;

public class HashDemo {

public static void main (String args[]){

HashSet plants = new HashSet();

plants.add("tulasi");

plants.add("money");

plants.add("neem");

plants.add("peepal");

plants.add(25);

plants.ad(null);

for (String str:plants)

{

System.out.println(str);

}

HashSet animals = new HashSet();

animals.add("cow");

animals.add("dog");

animals.add("rat");

animals.add("monkey");

animals.add("lion");

animals.add("tiger");

System.out.println("Does Monkey in the set? "+animals.contains("monkey"));

}

}

import java.util.HashMap;

public class HashMapDemo {

public static void main (String args[]){

HashMap map=new HashMap();

map.add("shirt",999);

map.add("jeans",1499);

map.add("trousers",2999);

map.add("tshirt",599);

HashMap superhero=new HashMap();

superhero.add(01,"prabhas");

superhero.add(02,"rana");

superhero.add(03,"sonusood");

superhero.add(04,"ramcharan");

superhero.add(05,"maheshbabu");

superhero.add(06,"nagarjuna");

map.removeall();

System.out.println("The size of the map is " + superhero.size());

System.out.println("The size of the map is " + map.size());

System.out.println("Is the map empty? " + map.isEmpty());

System.out.println("Is the map empty? " + superhero.isEmpty());

}

}