ArrayList Example:

**package** collection;

**import** java.util.\*;

**public** **class** Arraylist{

**public** **static** **void** main(String args[]){

ArrayList<String> list=**new** ArrayList<String>();//Creating arraylist

list.add("Mango");//Adding object in arraylist

list.add("apple");

list.add("Banana");

list.add("Grapes");

list.add("Grapes");

//Printing the arraylist object

System.***out***.println(list);

System.***out***.println(list.size());

System.***out***.println(list.get(1));

System.***out***.println(list.contains("apple"));

list.remove("Mango");

System.***out***.println(list);

System.***out***.println(list.size());

System.***out***.println(list.indexOf("Grapes"));

System.***out***.println(list.isEmpty());

// System.out.println(list);

}

}

Iterator Example

package collection;

import java.io.\*;

import java.util.\*;

public class Arraylist1 {

public static void main(String[] args)

{

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

cityNames.add("Delhi");

cityNames.add("Mumbai");

cityNames.add("Kolkata");

cityNames.add("Chandigarh");

cityNames.add("Noida");

// Iterator to iterate the cityNames

Iterator iterator = cityNames.iterator();

System.out.println("CityNames elements : ");

while (iterator.hasNext())

System.out.print(iterator.next() + " ");

System.out.println();

}

}

package collection;

import java.io.\*;

import java.util.\*;

public class itr {

public static void main(String[] args)

{

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

for(int i=0;i<=10;i++)

{

list.add(i);

}

// Iterator to iterate the cityNames

Iterator iterator = list.iterator();

System.out.println("only even elements : ");

while (iterator.hasNext())

{

Integer I=(Integer)iterator.next();

if(I%2==0)

{

System.out.println(I);

}

}

}

}

Map Interface

**package** collection;

**import** java.util.\*;

**public** **class** Map\_interface {

**public** **static** **void** main(String[] args) {

Map map=**new** HashMap();

//Adding elements to map

map.put(1,"Amit");

map.put(5,"Rahul");

map.put(2,"Jai");

map.put(6,"Amit");

map.put(1,"Amit");

//Traversing Map

Set set=map.entrySet();//Converting to Set so that we can traverse

Iterator itr=set.iterator();

**while**(itr.hasNext()){

//Converting to Map.Entry so that we can get key and value separately

Map.Entry entry=(Map.Entry)itr.next();

System.***out***.println(entry.getKey()+" "+entry.getValue());

}

}

}