**import**java.io.BufferedReader;**import**java.io.FileReader;**import**java.io.IOException;

**public class**Tunes

{

//-----------------------------------------------------------------

//Creates a CDCollection object and adds some CDs to it. Prints

//reports on the status of the collection.

//-----------------------------------------------------------------

**public static void**main(String[] args) **throws**Exception { CDCollection collection = **new**CDCollection();

BufferedReader br = **new**BufferedReader(**new**FileReader("E:\\Reading Writing Labs\\bin\\textfile.txt"));

String line = **null**;

**while**((line = br.readLine()) != **null**) {

// you can use " " to split where white space isString[] values = line.split("-");

//for (String str : values) {

//System.out.println(str);

//}

collection.addCD(values[0], values[1], Double.*parseDouble*(values[2])

,Integer.*parseInt*(values[3]));

}

br.close();

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

}

}

**public class**CD

{

**private**String title, artist;**private double**cost;

**private int**tracks;

//-----------------------------------------------------------------

// Creates a new CD with the specifiedinformation. //-----------------------------------------------------------------

**public**CD (String name, String singer, **double**price, **int**numTracks)

{

title = name;artist = singer;cost = price;tracks = numTracks;

}

http://www.htmlpublish.com/newTestDocStorage/DocStorage/e43656b6be3948fbb0c4576b3ac2837d/SKhan_ReadingWritingLab_images/SKhan_ReadingWritingLab2x1.jpg

//-----------------------------------------------------------------

// Returns a string description of thisCD. //-----------------------------------------------------------------

**public**String toString()

{

NumberFormat fmt = NumberFormat.*getCurrencyInstance*();

String description;

description = fmt.format(cost) + "\t" + tracks + "\t";description += title + "\t" + artist;

**return**description;

}

}

**import**java.text.NumberFormat;

**public class**CDCollection

{

**private**CD[] collection;**private int**count;**private double**totalCost;

//-----------------------------------------------------------------

// Constructor: Creates an initially emptycollection. //-----------------------------------------------------------------

**public**CDCollection ()

{

collection = **new**CD[100];count = 0;

totalCost = 0.0;

}

//-----------------------------------------------------------------

//Adds a CD to the collection, increasing the size of the

//collection if necessary.

//-----------------------------------------------------------------

**public void**addCD (String title, String artist, **double**cost,**int**tracks)

{

**if**(count == collection.length) increaseSize();

collection[count] = **new**CD (title, artist, cost, tracks);totalCost += cost;

count++;

}

//-----------------------------------------------------------------

// Returns a report describing the CDcollection. //-----------------------------------------------------------------

**public**String toString()

{

NumberFormat fmt = NumberFormat.*getCurrencyInstance*();

String report = "~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~\n";report += "My CD Collection\n\n";

report += "Number of CDs: " + count + "\n";

report += "Total cost: " + fmt.format(totalCost) + "\n";report += "Average cost: " + fmt.format(totalCost/count);

report += "\n\nCD List:\n\n";

**for**(**int**cd = 0; cd < count; cd++)

report += collection[cd].toString() + "\n";

**return**report;

}

//-----------------------------------------------------------------

// Increases the capacity of the collection by creating a // larger array and copying the existing collection into it.

//-----------------------------------------------------------------

**private void**increaseSize ()

{

CD[] temp = **new**CD[collection.length \* 2];

**for**(**int**cd = 0; cd < collection.length; cd++)temp[cd] = collection[cd];

collection = temp;

}

}



