import java.util.Scanner;

import java.util.ArrayList;

import java.io.File;

public class CountAlbums

{

public static ArrayList<String> readFile(String filename)

{

File temp = new File(filename);

Scanner input\_file;

try

{

input\_file = new Scanner(temp);

}

catch (Exception e)

{

System.out.printf("Failed to open file %s\n",

filename);

return null;

}

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

while(input\_file.hasNextLine())

{

String line = input\_file.nextLine();

result.add(line);

}

input\_file.close();

return result;

}

public static ArrayList<String> read\_spreadsheet(String filename)

{

ArrayList<String> lines = readFile(filename);

if (lines == null)

{

return null;

}

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

String[] a = new String[2];

for (int i = 0; i < lines.size(); i++)

{

String line = lines.get(i);

a = line.split("-");

result.add(a[0]);

}

return result;

}

public static void processFile(String filename)

{

ArrayList<String> albums = read\_spreadsheet(filename);

int count = 1;

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

for(int i = 0; i < albums.size(); i++)

{

for(int j = i+1; j < albums.size(); j++)

{

if(albums.get(i).contains(albums.get(j)))

{

count++;

albums.remove(j);

j--;

}

}

song.add(count);

count = 1;

}

while(albums.size() != 0)

{

int max = 0;

int position = 0;

for(int i = 0; i < song.size(); i++)

{

if(max < song.get(i))

{

max = song.get(i);

position = i;

}

}

System.out.printf("%s: %d\n", albums.get(position), song.get(position));

albums.remove(position);

song.remove(position);

}

}

U2 : 6

Beatles : 5

Madonna : 4

Bob Dylan : 4

Nirvana : 3

Radiohead : 3

Led Zeppelin : 3

Pink Floyd : 3

Rolling Stones : 3

Weezer : 3

Pearl Jam : 3

Bruce Springsteen : 3

Who : 3

Guns N' Roses : 2

Michael Jackson : 2

Smashing Pumpkins : 2

Eminem : 2

Oasis : 2

Red Hot Chili Peppers : 2

Metallica : 2

Jimi Hendrix : 2

Dave Matthews Band : 2

Clash : 1

Beach Boys : 1

R.E.M. : 1

Tool : 1

Green Day : 1

Jeff Buckley : 1

Fleetwood Mac : 1

Alanis Morissette : 1

David Bowie : 1

Strokes : 1

Linkin Park : 1

Black Sabbath : 1

Ac/Dc : 1

Miles Davis : 1

Prince : 1

Rage Against The Machine : 1

System Of A Down : 1

Sex Pistols : 1

Counting Crows : 1

Marvin Gaye : 1

Pixies : 1

No Doubt : 1

Velvet Underground + Nico : 1

Soundgarden : 1

Depeche Mode : 1

Queen : 1

Van Morrison : 1

Bon Jovi : 1

Smiths : 1

Garbage : 1

Bob Marley : 1

Def Leppard : 1

Moby : 1

Stevie Wonder : 1

Beck : 1