

Clase: Programación Orientada a Objetos
Alumno: Santiago Daniel Zamora Solís
Número de cuenta: 217924-0
Practica : 12

MainFile

```
public class Files {  
  
    public ArrayList<String> readFile(String pathFile) throws FileNotFoundException {  
  
        try{  
            ArrayList<String> list = new ArrayList<>();  
            Scanner csvData = new Scanner(new File(pathFile));  
            while (csvData.hasNext())  
                list.add(csvData.nextLine());  
  
            return list;  
        }catch(Exception e){  
            System.out.println("ERROR: " + e);  
        }  
        throw new FileNotFoundException("FILE " + pathFile + " NOT FOUND");  
    }  
  
    public String[][] separteByWord(ArrayList<String> list) {  
  
        String[] tempList = list.toArray(new String[0]);  
        String[][] listWords = new String[list.size()][100];  
        int i = 0, j = 0;  
  
        for(String lines : tempList){  
            for(String word : lines.split(regex: " ")){  
                listWords[i][j] = word;  
                j++;  
            }  
            j = 0;  
            i++;  
        }  
  
        return listWords;  
    }  
}
```

Clase Files

```
package com.szs.practical12;  
  
import java.io.FileNotFoundException;  
import java.util.ArrayList;  
  
public class MainFile {  
  
    public static void main(String[] args) throws FileNotFoundException {  
        ArrayList<String> list = new ArrayList<>();  
        Files f = new Files();  
        list = f.readFile(pathFile: "/Users/randymargh/Documents/OPP/src/com/szs/practical11/spam2.csv");  
        String[][] listWords = new String[list.size()][100];  
  
        listWords = f.separteByWord(list);  
  
        System.out.println("*****");  
        for(String lines: list)  
            System.out.println(lines + " |");  
        System.out.println("*****");  
  
        System.out.println("***Inicio***");  
        for(int i = 0; i < listWords.length; i++){  
            for(int j = 0; listWords[i][j] != null; j++){  
                System.out.println(listWords[i][j]);  
            }  
        }  
  
        System.out.println("****Fin****");  
    }  
}
```

```

public String[][] cleanTweets(String[][] tweets){

    String[][] cleanTweets = new String[tweets.length][100];
    int k = 0;
    for(int i = 0; i < tweets.length; i++){
        for(int j = 0; tweets[i][j] != null; j++){
            tweets[i][j].replaceAll(regex: "\\d", replacement: "");
            tweets[i][j].replaceAll(regex: "\\W", replacement: "");

            tweets[i][j].replaceAll(regex: "%", replacement: "");
            tweets[i][j].replaceAll(regex: "$", replacement: "");
            tweets[i][j].replaceAll(regex: "\"", replacement: "");
            tweets[i][j].replaceAll(regex: "/", replacement: "");

            if(!tweets[i][j].startsWith("mo ")) {
                cleanTweets[i][j] = tweets[i][j];
                k++;
            }
        }
    }

    return cleanTweets;
}

```

Salida

```

Dont hesitate. You know this is the second time she has had weakness like that. So keep i notebook of what she eat and did the day before or if anything changed
ham
Hey you can pay. With salary de. Only &lt
#&gt
ham
Another month. I need chocolate weed and alcohol.
ham
If he started searching he will get job in few days.he have great potential and talent.
ham
Reckon need to be in town by eightish to walk from * carpark.
spam
"Congrats! 2 mobile 3G Videophones R yours. call 09063458130 now! videochat wid your mates
play java games
Dload polyPH music
noline rentl."
ham

ham,"Yun ah.the ubi one say if @_ wan call by tomorrow.call 67441233 look for irene.ere only got bus8,22,65,61,66,382. Ubi cres,ubi tech park.6pm for 1st bwkg days,n
ham,Ugh. Gotta drive back to sd from la. My butt is sore., |
ham,26th OF JULY, |
ham,Hi im having the most relaxing time ever! we have to get up at 7am every day! was the party good the other night? I get home tomorrow at 5ish., |
ham,Up to @_... @_ wan come then come lor... But i din c any stripes skirt..., |
ham,The Xmas story is peace.. The Xmas msg is love.. The Xmas miracle is jesus.. Hav a blessed month ahead &amp, wish U Merry Xmas... |
ham,"I can't, I don't have her number!", |
ham,Change again... It's e one next to escalator..., |
ham,Yetunde i'm in class can you not run water on it to make it ok. Pls now., |
ham,Not a lot has happened here. Feels very quiet. Beth is at her aunts and charlie is working lots. Just me and helen in at the mo. How have you been? , |
ham,Then @_ wait 4 me at bus stop aft ur lect lar. If i dun c @_ then i go get my car then come back n pick @_, |
*****
***[nic]o***
v1
v2
ham
"Go until jurong point
crazy.. Available only in bugis n great world la e buffet... Cine there got amore wat..."
ham
Ok lar... Joking wif u oni...
spam
Free entry in 2 a wkly comp to win FA Cup final tkts 21st May 2005. Text FA to 87121 to receive entry question(std txt rate)T&C's apply 08452810075over18's
ham
U dun say so early hor... U c already then say...

```

