**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.io.IOException;

**import** java.util.Scanner;

**public** **class** FIinalExam {

**static** Scanner *keyboard* = **new** Scanner(System.***in***);

//static String filename = "names.txt";

**static** **final** **int** ***NUM\_LANGUAGE*** = 20;

**static** **final** **int** ***NUM\_FIELDS*** = 1;

**public** **static** File *fileHandle*;

**public** **static** Scanner *fileReader*;

**static** String *filename* = "names.txt";

//static String [] FIELDS = {"Language name"};

**public** **static** **void** openFile() **throws** IOException {

*fileHandle* = **new** File(*filename*);

*fileReader* = **new** Scanner(*fileHandle*);

System.***out*** .println("File successfully opened for reading.");

}

**public** **static** **void** loadFromFile( String[] array)

{

**int** index = 0;

String row;

**while**(*fileReader*.hasNext()) {

row = *fileReader*.next();

//String [] innerArray = row.split(",");

//array[index] = innerArray;

index++;

}

**for** (; index<***NUM\_LANGUAGE***; index++) {

array[index] = **null**;

}

System.***out*** .println("File successfully loaded from file.");

}

**public** **static** **void** printArray(String[] array) {

System.***out***.println("Good programming languages to learn are:");

String filename3= "names.txt";

**try** {

File file3= **new** File(filename3);

Scanner scanner3= **new** Scanner(file3);

**int** x= 1;

**while**(scanner3.hasNext()) {

String line= scanner3.nextLine();

System.***out***.println("line "+ x + " is "+ line);

x++;

}

scanner3.close();

} **catch**(IOException ioe) {

System.***out***.printf("Error with file %s%n", filename3);

ioe.printStackTrace();}

}

**public** **static** **void** closeFile() {

*fileReader*.close();

}

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

String [] languageArray = **new** String[***NUM\_LANGUAGE***];

**try** {

*openFile*();

*loadFromFile*(languageArray);

*printArray*(languageArray);

*closeFile*();

}**catch** (IOException ioe) {

System.***out***.println("IOException received in main");

ioe.printStackTrace();

}

}

}

OutPUt

File successfully opened for reading.

File successfully loaded from file.

Good programming languages to learn are:

line 1 is GO

line 2 is Java

line 3 is JavaScript

line 4 is Python

line 5 is Swift