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3/8/2020

Computer Science 2

Module 4 Assignment 3

For this assignment I used the online resource listed below to help me understand the code.

<http://soultionmanual.blogspot.com/2016/12/chapter-12-exercise-31-introduction-to.html>

My Code:

**import** java.io.File;

**import** java.io.FileNotFoundException;

**import** java.util.Scanner;

**public** **class** Main {

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

Scanner input = **new** Scanner(System.***in***);

System.***out***.print("Enter year: ");

String year = input.next();

System.***out***.print("Enter gender: ");

String gender = input.next();

System.***out***.print("Enter name: ");

String name = input.next();

input.close();

File file = **new** File("babynamesranking" + year + ".txt");

**if** (!file.exists()) {

System.***out***.println("No record for " + year);

System.*exit*(1);

}

**int** rank = 0;

**try** {

Scanner read = **new** Scanner(file);

**while** (read.hasNext()) {

String s = read.nextLine();

String[] temp = s.split(" ");

**if** (gender.equalsIgnoreCase("M") && temp[1].contains(name))

rank = **new** Integer(temp[0]);

**else** **if** (temp[3].contains(name))

rank = **new** Integer(temp[0]);

}

} **catch** (FileNotFoundException e) {

e.printStackTrace();

}

**if** (rank == 0) {

System.***out***.println("The name "+name+" is not ranked in year " + year);

} **else** {

System.***out***.println(name+" is ranked #"+rank+" in year "+ year);

}

}

}

My Code Output:

Enter year: 2010

Enter gender: M

Enter name: Javier

No record for 2010