Bonus Assignment #3

Write a Java program that outputs a list of students from the given data file (home.txt).  Download the data file (home.txt) from our web site to the same folder as your program. You have to input the name of the data file from keyboard. You have to use input.hasNext()with while loop when your program reads tokens from the file. We are assuming that you don’t know how many lines are in the data file. The file contains student name followed by their hometown. Your program should output each hometown, total number of students from each hometown, and each student’s name belonging in the hometown. For example, if your data file contains the following data:

John Seattle

William  Yakima

Susan  Yakima

Jack Lapush

Jennifer Seattle

Kim Seattle

Your program should produce the following output:

What is the file name? **home.txt**

Seattle students: 3

John

Jennifer

Kim

Yakima students: 2

William

Susan

Lapush students: 1

Jack