

Lab Goal : This lab was designed to teach you more about maps. You will create and add to a map. You will also use file input.

Lab Description : Write a program that will read in a list of names and grades. The program will build a map of the students with certain grades.

Your map will store a grade and an associated list of names with that grade.

Students.dat has basic test data where students2.dat has a much larger set of data.

Sample Data (students.dat)

```
12
Bob 98
Sally 98
Fred 100
Ann 22
Dude 11
Ben 98
Allen 100
Danny 22
Sammy 100
Willy 100
Benjamin 93
Kelley 33
```

Files Needed ::

```
StudentsAndGrades.java
StudentsAndGradesRunner.java
students.dat
students2.dat
```

Sample Output

```
11 group == Dude
22 group == Ann Danny
33 group == Kelley
93 group == Benjamin
98 group == Ben Bob Sally
100 group == Allen Fred Sammy Willy
```