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## 12. Students' Grades

**Program Name:** Students.java

**Input File:** students.dat

Ms. Appleworth is a teacher and needs you to write a program that will create a bar graph of her students' grades.

### Input

The first line of input will contain a single integer  $n$  that indicates the number of students in her class. The following  $n$  lines will each contain a student's name and a space followed by the student's grade in the range  $[0...100]$ .

### Output

The output will consist of 7 lines with the labels as shown below and a space followed by one asterisk (\*) for each student's grade that falls in the given interval. The colons should be in a vertical line and the grade intervals before the colons right justified to the left of the colons.

**Note:** The number of spaces to the left of the label does not matter as long as the colons are aligned.

### Example Input File

```
13
GEORGE 67
AMOS 54
ROBERT 87
RICHARD 98
MARY 45
ANN 98
LUCY 20
WENDY 64
SHARLA 62
JOHN 59
JOE DON 98
MARY LOU 90
LARRY 92
```

### Example Output to Screen

```
<40: *
40-49: *
50-59: **
60-69: ***
70-79:
80-89: *
90-100: *****
```