**14. Bens**

# Program Name: Bens.java Input File: bens.dat

Sammy Claws is trying to deliver presents to the CS kids, but there are too many Bens. Being human, Sammy Claws cannot hope to deliver a high-quality present to every Ben. Instead, he must prioritize the bens first based on their grade in AP/K Level Basket Weaving, then their vocal range, and finally the length of their femur. The Bens will get better presents based on the hierarchy below:

* The higher their grade in AP basket weaving, the better the present
* Then the larger their vocal range, the better present
* Then the longer their femur, the better the present

**Input**The first number is the total amount of cases. The next number, x, is the number of Bens in that sorting case. Next will be x number of sets of a String representing their names, a double representing their grades in AP basket weaving, 2 integers representing the lowest and the highest frequencies of their vocal range, where the difference is the range, and finally a double representing their femur length in inches.

**Output**The output should contain all Bens in ascending order based on the hierarchy above separated by commas and a space.

**Example Input File**2

3

Ben Armstrong 100.0 27 100 57.5

Ben Yonas 98.0 7 89 56.8

Ben Gonzales 98.00 0 56 57

6

Ben Armstrong 100.1 27 100 57.5

Ben Yonas 98.0 7 89 56.8

Ben Gonzales 78 0 56 57

Ben Davis 78 8 9 35

Ben Stiller 78 44 55 14

Ben Franklin 100 44 45 5000000

**Example Output to Screen**Ben Gonzales, Ben Yonas, Ben Armstrong

Ben Davis, Ben Stiller, Ben Gonzales, Ben Yonas, Ben Franklin, Ben Armstrong