```
                                EXAM2
-------------------------------------------------------------------
        Percentiles      Smallest
  1%           28               23
  5%         39.5               28
 10%         49.5               32        Obs                    140
 25%         58.5               37        Sum of Wgt.            140

 50%           76                         Mean                  76.3
                            Largest       Std. Dev.         22.45594
 75%         96.5              116
 90%        107.5              117        Variance          504.2691
 95%        112.5              119        Skewness          .0473738
 99%          119              121        Kurtosis          2.178317
```
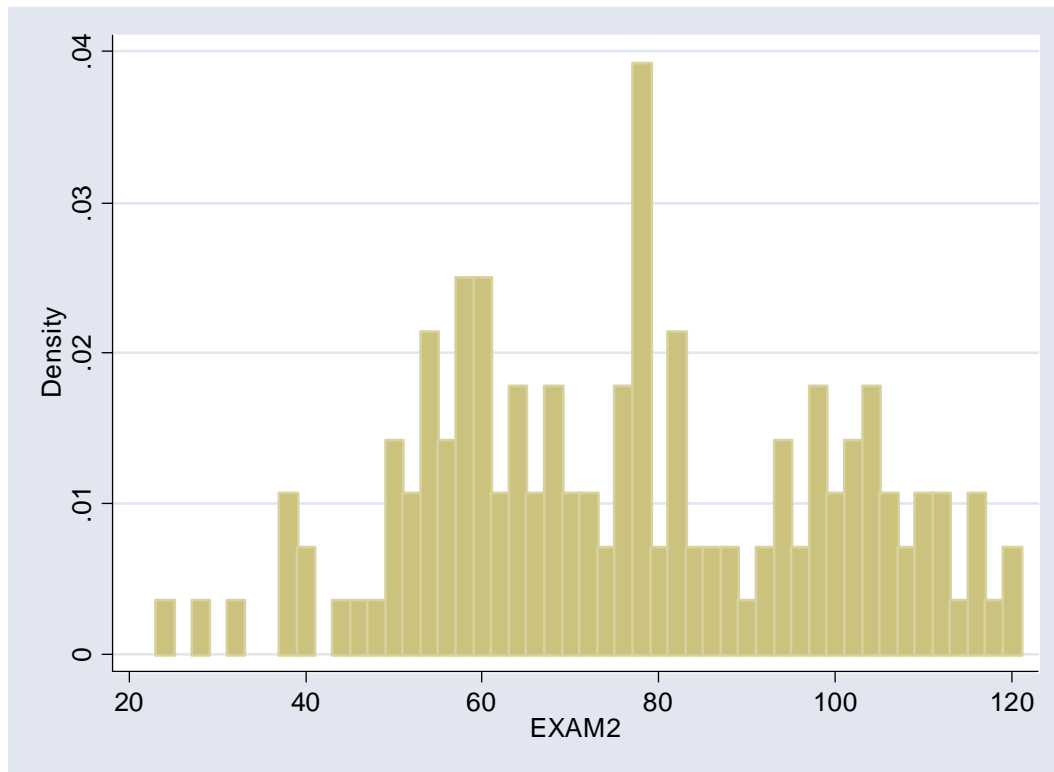

You could think about your second exam in the following way. All cut-offs are approximate.

125-91 "A" grade (there were 43)
90-61   "B" grade (there were 56)
60-37 "C" grade (there were 39)
below 37 did not pass the second exam

After two exams, you can use these ranges as guidelines, add your exam scores together:
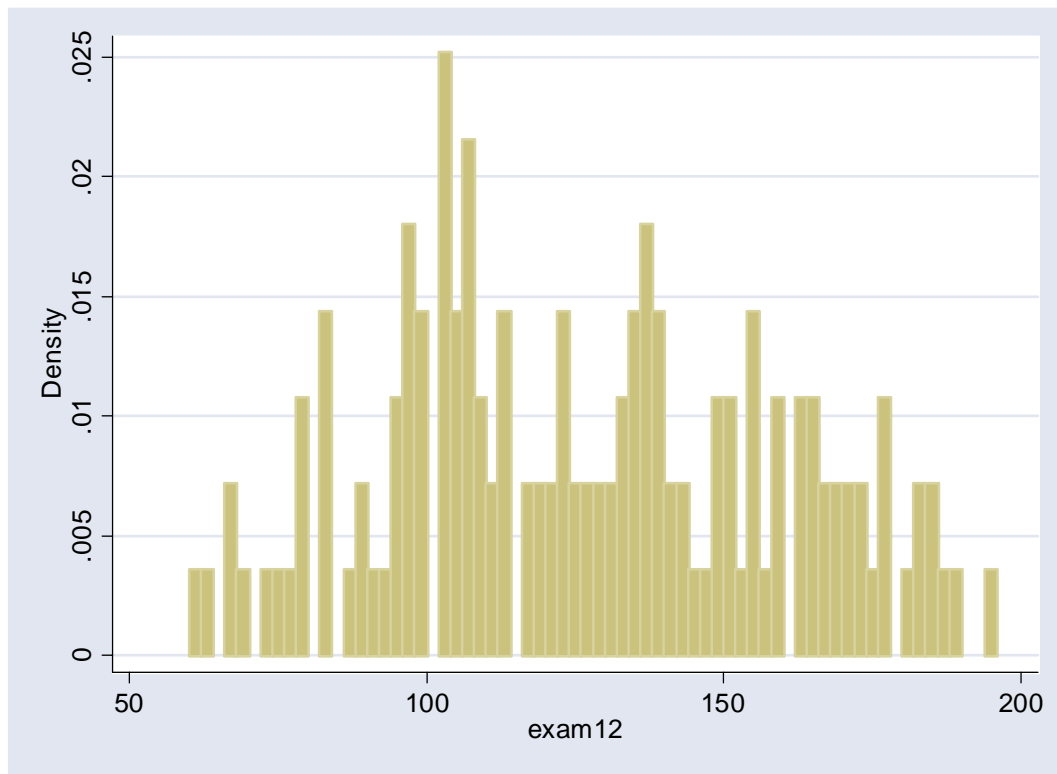
150 and higher "A" grades (minuses on the low end)
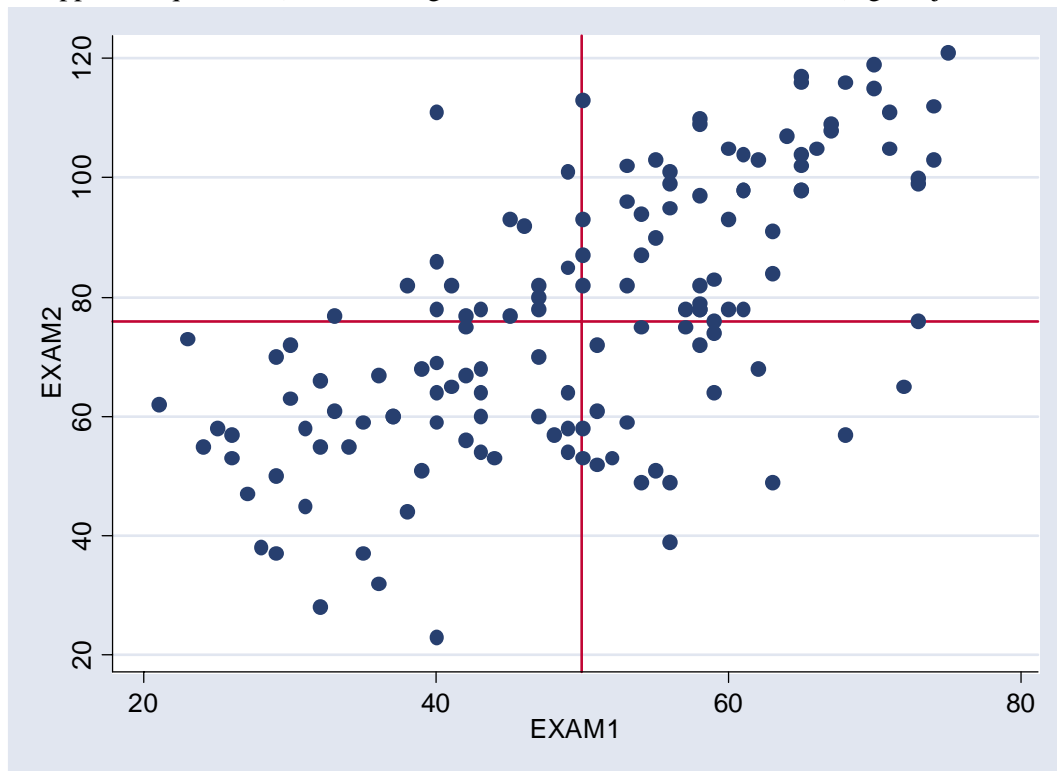149-100 "B" grades (minuses on the low end)
99-60   "C" grades (no minuses)
below 60   not passing the course

The distribution of the combination of the first and second test totals by student is on the next page:

The next graph gives you a sense of who improved and who did not. If your pair of scores lands you in the upper left quadrant (below average on the first, above on the second), good job!

You have until 5pm Nov 30, 2004 to submit a challenge in writing. E-mail is considered "in writing" but I will need your exam to make a decision. Please remember that responses on your answer sheet, which I keep, are considered the final answers for a problem. If there are differences between what you marked on your exam and what you submitted on the answer sheet this is understood to be your mistake, not ours.