

Our group: \_\_\_\_\_

\_\_\_\_\_ (no more than 4 names)

Data are in the files 'grade.dat' and 'hwkgr.dat' in the apr07 directory.

In the first file (grade.dat) are names and quiz grades that we read back in February. In the second file are the homework grades for these same students. We want to read in these two files, put them together by matching names, and then determine their final grades.

1) First read in the quiz grades from 'grade.dat' using one of the files from 27 February -- use one that we can use to identify students. Print out the dataset of names and quiz grades.

2) Before reading the second file 'hwkgr.dat,' take a look at its structure. Make sure that when you read the names in this second file, they will match the first. For this second dataset, just print out the names and homework average.

3) Merge the two datasets together by name and determine the final grade following the formula:

$$\text{total} = .15 * (\text{homework average}) + .20 * (\text{quiz1}/35) \\ + .20 * (\text{quiz2}/35) + .45 * (\text{final}/35)$$

Print out the names, total scores, and final exam scores in two ways, first sorted alphabetically, and then decreasing by total.

Submit your output and log. Don't forget your toes!