

Weight the projects and finals according to these percentages. (Note that 15% is entered as .15)

The weights should add up to 1.00.

The screenshot shows a Microsoft Excel spreadsheet titled "lab8-proj8-solutions.xls". The spreadsheet contains a gradebook with columns for student names, four projects (proj 1-4), a final exam, and a weighted score. The weights for the projects are 0.15 each, and the final exam weight is 0.4. The weighted scores are calculated in column G. The spreadsheet is sorted by the weighted scores in descending order. The student names are in column A, and the grader's name, Keith Vander Linden, is in cell B16.

|    | A                   | B                   | C      | D      | E      | F     | G     | H |
|----|---------------------|---------------------|--------|--------|--------|-------|-------|---|
| 1  |                     | proj 1              | proj 2 | proj 3 | proj 4 | Final |       |   |
| 2  | weights:            | 0.15                | 0.15   | 0.15   | 0.15   | 0.4   | 1     |   |
| 3  |                     |                     |        |        |        |       |       |   |
| 4  |                     |                     |        |        |        |       | Score |   |
| 5  | Kosterink, Darla    | 100                 | 100    | 100    | 100    | 100   | 100   |   |
| 6  | Doesma, Jane        | 82                  | 93     | 90     | 97     | 95    | 92.3  |   |
| 7  | Kuypersma, Steve    | 89                  | 88     | 90     | 90     | 86    | 87.95 |   |
| 8  | Oostink, Lee        | 76                  | 77     | 78     | 79     | 82    | 79.3  |   |
| 9  | VanDoe, Mike        | 65                  | 75     | 85     | 75     | 85    | 79    |   |
| 10 | DeJones, John       | 70                  | 70     | 70     | 70     | 70    | 70    |   |
| 11 | VanderSmith, Mary   | 65                  | 0      | 89     | 79     | 74    | 64.55 |   |
| 12 | Coc, Lisa           | 45                  | 55     | 65     | 60     | 62    | 58.55 |   |
| 13 |                     |                     |        |        |        |       |       |   |
| 14 | assignment averages | 74                  | 69.75  | 83.375 | 81.25  | 81.75 |       |   |
| 15 |                     |                     |        |        |        |       |       |   |
| 16 | Grader:             | Keith Vander Linden |        |        |        |       |       |   |
| 17 |                     |                     |        |        |        |       |       |   |

Put your name here.

Be sure to use functions and formulas as appropriate. If you're using a calculator, you're probably not exploiting the power of the spreadsheet mechanism.

Sort the rows by decreasing weighted score. (Be sure to sort the entire row, not just the scores)