

Spreadsheet Practice Problems

These are optional extra practice problems for those of you looking for examples that you aren't already familiar with. They aren't intended to replace the slides, midterms or assignments as study material.

Q1. Consider a spreadsheet consisting to student grades for a course. The grades are as follows:

A1 (worth 20%)
A2 (worth 20%)
T1 (worth 20%)
Exam (worth 40%)

Suppose each students marks are entered as percentages.

- 1a)** Write a formula in the cell to the right of the first students exam mark which calculates that students average, copy this formula so that it calculates every students average.
 - 1b)** Write a formula in the cell below the last assignment 2 mark which calculates the average for that assignment. Copy this formula so it is also used to calculate the other averages.
 - 1c)** Write three distinct formulae which compute the course average.
- 2)** Consider a fictional world with a single moon, that has a 28 day lunar cycle. This world also happens to have an orbit of precisely 4 lunar months. You may name the four months whatever you wish, but they have the same days as we do.
- 2a)** Write a formula for calculating all the Mondays as days of the year.
 - 2b)** Write a formula for calculating all the Mondays as days of the month.
 - 2c)** What do you notice about the mondays as days of the month? Why does this happen?