Intro to Programming

1. Finish the homework due Thursday.

2. 1. Write a function `avg(grades)` where grades is a list of grades of some arbitrary length. The function returns the regular numerical average (mean).

3. 2. Write a function `avg(grades)` where n is a list of grades of some arbitrary length. The function returns the average after the lowest grade is dropped.

4. Write a function `avg(x)` where x is a list of grades of length three. Calculate and return the weighted average where the highest grade counts 50%, the lowest grade 10% and the other 40%.

5. Write a function `avg(grades,weights)` to calculate and return a weighted average. “grades” is a list of grades of some arbitrary length and weights is a list of floating point numbers, each between 0 and 1 such that the sum of the weights is 1 and weight[i] is the percentage of grade[i] in the weighted average.

6. Do the problems on page 112 – 114 in the class notes