Weighted Average

Implement and test a C++ program that solves the problem specified in analysis/design project 1E (page 27 of Mercer), "Weighted Average."

The Problem

Determine the course grade using the weighted scale shown below.

	Weight
Quiz average	20%
Midterm	20%
Lab grade	35%
Final exam	25%

What to Hand In

Produce a `handin.txt` file (as in lab) complete with a header. See the *Program Style Guide* on the course web page <http://www.eg.bucknell.edu/~cs203/F2002/> to see how this header should look. The header should be followed by the complete program code followed by the results of (i.e., output from) three test runs of the program. One of your runs must look exactly like this. Be sure to have the numbers line up properly.

```
Enter Quiz Average: 74
Enter Midterm:      79
Enter Lab Grade:    84
Enter Final Exam:   85
Course Average:     81.25
```

For the other two runs, use values of your choice.