

Table for Calculating Grade Using Weighted Average:

| | Percent |
|-----------------|----------------|
| Readings | 5% |
| Lab Assignments | 15% |
| Homework | 50% |
| Exams | 30% |

Test Cases:

| | readings | labs | hw | exams | expected |
|---------------|-----------------|-------------|-----------|--------------|-----------------|
| Test 1 | 100 | 97 | 99 | 89 | 95.75 |
| Test 2 | 92 | 92 | 92 | 92 | 92.0 |
| Test 3 | 100 | 0 | 0 | 0 | 5.0 |
| Test 4 | 0 | 100 | 0 | 0 | 15.0 |
| Test 5 | 0 | 0 | 100 | 0 | 50.0 |
| Test 6 | 0 | 0 | 0 | 100 | 30.0 |