Please solve this assignment individually, i.e., you should not discuss this assignment with anybody.

**Assignment due date:** Monday, October 20

Total points will be added to your Test 1 scores

<table>
<thead>
<tr>
<th>Part</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program works correctly</td>
<td>20</td>
</tr>
<tr>
<td>Output with three test cases</td>
<td>5</td>
</tr>
<tr>
<td>Comments and variable names properly used</td>
<td>5</td>
</tr>
<tr>
<td>Header</td>
<td>5</td>
</tr>
<tr>
<td>Program and output sheets are stapled properly</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>40</td>
</tr>
</tbody>
</table>

1) Please submit your program in hard copy along with the output

2) Please use comments in your program. Please name the variables so that they indicate what the variable does in the program. A maximum of 20 points will be deducted if variable names and comments are not used properly.

3) Please include the following header in your program. A maximum 20 points will be deducted for the header not being present in the program.

```c
/* *******************************************************
** Program written by: Your name
** Inputs: List the inputs to the program
** Outputs: List the outputs from the program
** What the program does: Say what the program does
********************************************************/
```
EXTRA CREDIT ASSIGNMENT

Write a C program which prints a student’s total points in CIS 15 AG-03 by calling functions. (You can refer the course outline for the percentages/weight of each assignment.)

1) Write a function which reads a student’s 10 code lab scores using scanf and returns them to the main program.
2) Write a function which reads a student’s 9 programming assignment scores using scanf and returns them to the main program.
3) Write a function which reads a student’s (3 tests+1 final) test scores using scanf and returns them to the main program.
4) Write a function which accepts a student’s code lab scores from the main program, multiplies them with the percentages by which they affect, and returns a number.
5) Write a function which accepts a student’s programming assignment scores from the main program, multiplies them with the percentages by which they affect, and returns a number.
6) Write a function which accepts a student’s test scores from the main program, multiplies them with the percentages by which they affect, and returns a number.

Example:

**Code Lab Scores**
100 100 100 100 100 100 100 100 100 100
0.005*100 + 0.005*100 + 0.005*100 + ....

**Code Lab Score:** 5

**Programming Assignment Scores**
100 100 100 100 100 100 100 100 100 100
0.01*100 + 0.01*100 + 0.03*100 + 0.05*100 + ...

**Programming Assignment Score:** 35

**Test Scores**
100 100 100 100
0.05*100 + 0.1*100 + 0.1*100 + 0.35*100

**Test score:** 60

**Total score** = 5 + 35 + 60 = 100