

Nested Structures

Assignment #7b will use two structures one nested inside another. The outer structure should hold the student data and the inner structure the student's grades. You will need to print the data as seen on the **MODIFIED OUTPUT SCREEN** shot without modifying the underlying data that the user entered.

Input:

Ask the user to enter:

1. The number of students to be added to the list.
2. The student's full name using scrambled upper and lower case letters.
3. The student's ID as seven digit number.
4. grade1, grade2 and grade3 for each student.

Processing Requirements:

Your program should not make any changes to the data that has been saved to the student array.

Output:

In accordance with the **MODIFIED OUTPUT SCREEN** your program should print the following:

1. Using the data that has been saved to the student array output each student's first initial capitalized followed by a period then a space then the student's last name with only the first letter of the last name capitalized.
2. The student's name should be immediately followed by an apostrophe s ('s) then a single space and the string "average grade is" then the student's average grade displayed as a percentage.

INPUT SCREEN	OUTPUT SCREEN
<pre> Enter the number of students you want to add: 4 Enter the student's full name: fredfLINTstONe Enter the student's ID number: 1 Enter grade 1: 22 Enter grade 2: 33 Enter grade 3: 44 Enter the student's full name: WilmA FlintSTonE Enter the student's ID number: 3 Enter grade 1: 99 Enter grade 2: 88 Enter grade 3: 77 Enter the student's full name: barNeY rUbbLe Enter the student's ID number: 3 Enter grade 1: 44 Enter grade 2: 55 Enter grade 3: 66 Enter the student's full name: BETTy RuBBIE Enter the student's ID number: 4 Enter grade 1: 88 Enter grade 2: 77 Enter grade 3: 66 </pre>	<pre> fredfLINTstONe 's average is 33 WilmA FlintSTonE 's average is 88 barNeY rUbbLe 's average is 55 BETTy RuBBIE 's average is 77 </pre>

MODIFIED OUTPUT SCREEN
<pre> F. Flintstone's average is 33.0% W. Flintstone's average is 88.0% B. Rubble's average is 55.0% B. Rubble's average is 77.0% </pre>