```c
/* BY SUBMITTING THIS FILE TO CARMEN, I CERTIFY THAT I HAVE PERFORMED ALL OF
THE WORK TO CREATE THIS FILE AND/OR DETERMINE THE ANSWERS FOUND WITHIN
THIS FILE MYSELF WITH NO ASSISSTANCE FROM ANY PERSON (OTHER THAN THE
INSTRUCTOR OR GRADERS OF THIS COURSE) AND I HAVE STRICTLY ADHERED TO THE
TENURES OF THE OHIO STATE UNIVERSITY'S ACADEMIC INTEGRITY POLICY.
*/
#include "lab4.h"
/*Calculates final grades*/
void option7(Node *head, char *categories) {
        Node *traversePtr;
        /*Traverse through the list*/
        traversePtr = head;
        while (traversePtr != NULL) {
                /*
                Weighing system:
                Category 1: 15%
                Category 2: 30%
                Category 3: 20%
                Category 4: 35%
                */
                traversePtr->student.final_grade = 0;
                /*If any category cumulative score is -1, then a score of 0 is used
in the calculation*/
                if (traversePtr-> student.cat1.cumulative != -1) {
                        traversePtr->student.final_grade += 0.15 * traversePtr-
>student.cat1.cumulative;
                }
                if (traversePtr-> student.cat2.cumulative != -1) {
                        traversePtr->student.final_grade += 0.3 * traversePtr-
>student.cat2.cumulative;
                }
                if (traversePtr-> student.cat3.cumulative != -1) {
                        traversePtr->student.final_grade += 0.2 * traversePtr-
>student.cat3.cumulative;
                }
                if (traversePtr-> student.cat4.cumulative != -1) {
                        traversePtr->student.final_grade += 0.35 * traversePtr-
>student.cat4.cumulative;
                }
                traversePtr = traversePtr->next;
        }
        /*Calls option 3 to print all the student information*/
        option3(head, categories);
}
```