```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"
/*Inserts a new score for a single student by ID number*/
void option6(Node *head, char *categories) {
        int id; /*The ID number to insert a score into*/
        int pos; /*The position to insert a score into*/
        unsigned int response; /*Response to whether the user wants to enter the
score or not*/
        float score; /*The score to be entered into*/
        Node* student; /*The student node that matches the ID number*/
        int cat; /*The category to insert a score into*/
        /*Prompts the user for an ID number*/
        printf("Enter the Student ID #: ");
        scanf("%d", &id);
        /*Tells the user that the hunt has started*/
        printf("Hunting for %d\n", id);
        student = get_NodeforID(head, id);
        /*If not found, then nothing to do*/
        if (student == NULL) {
                printf("Error: No student with ID %d\n", id);
        }
        else {
                /*Asks whether the user wants to enter a score or not*/
                printf("Insert a score for %s ? Enter 1, if yes. Enter 2, if no: ",
student->student.student_name);
                scanf("%u", &response);
                /*If no, don't do anything*/
                if (response ==1) {
                        /*Asks the user the category*/
                        printf("Which category?\n");
                        printf("1) %s\n", (char*)categories);
                        printf("2) %s\n", (char*)categories+15);
                        printf("3) %s\n", (char*)categories+30);
                        printf("4) %s\n", (char*)categories+45);
                        scanf("%d", &cat);
                        /*Asks the user which position*/
                        printf("Which score?\n");
                        printf("Enter 1, 2, or 3\n");
                        scanf("%d", &pos);
                        /*Prompts the user for the new score*/
                        printf("Enter new score: ");
                        scanf("%f", &score);
                        /*Switch statements to determine where to update the score or
add the score*/
                        switch(cat) {
                                case 1:
                                        switch(pos) {
                                                case 1:
                                                student->student.cat1.score1 = score;
                                                break;
                                                case
2:
                                                student->student.cat1.score2 = score;
                                                break;
                                                case 3:
                                                student->student.cat1.score3 = score;
                                                break;
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                                        }
                                break;
                                case 2:
                                        switch(pos) {
                                                case 1:
                                                student->student.cat2.score1 = score;
                                                break;
                                                case 2:
                                                student->student.cat2.score2 = score;
                                                break;
                                                case 3:
                                                student->student.cat2.score3 = score;
                                                break;
                                        }
                                break;
                                case 3:
                                        switch(pos) {
                                                case 1:
                                                student->student.cat3.score1 = score;
                                                break;
                                                case 2:
                                                student->student.cat3.score2 = score;
                                                break;
                                                case 3:
                                                student->student.cat3.score3 = score;
                                                break;
                                        }
                                break;
                                case 4:
                                        switch(pos) {
                                                case 1:
                                                student->student.cat4.score1 = score;
                                                break;
                                                case 2:
                                                student->student.cat4.score2 = score;
                                                break;
                                                case 3:
                                                student->student.cat4.score3 = score;
                                                break;
                                        }
                                break;
                        }
                        /*Prints out the updated information after a new score is
added*/
                        printHeader(categories);
                        printStudent(student);
                        /*Reminds the user that the cumlatives have not been
recalculated*/
                        printf("\nNote: Category Cums, Current Grade and Final Grade
have not been recalculated based on the new value entered.\n");
                }
        }
}
```