```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"
void process_options(Node *list_head, char (*category_names)[15], FILE *file) {
        void (*fp[7])(Node*, char*); /*Array of function pointers for options 1-7*/
        int option; /*The option number*/
        /*Initialize the array of function pointers*/
        fp[0] = option1;
        fp[1] = option2;
        fp[2] = option3;
        fp[3] = option4;
        fp[4] = option5;
        fp[5] = option6;
        fp[6] = option7;
        /*Prompts the user for the option number*/
        printf("\n\nPease enter an option between 1 and 10:\n");
        printf("1) Print Student Scores by Student ID\n");
        printf("2) Print Student Scores by Last Name\n");
        printf("3) Print Student Scores for All Students\n");
        printf("4) Recalculate Student Scores for a Single Student ID\n");
        printf("5) Recalculate All Student Scores\n");
        printf("6) Insert a score for a specific student ID\n");
        printf("7) Calculate Final Grades\n");
        printf("8) Add a new student\n");
        printf("9) Delete a student\n");
        printf("10) Exit Program\n");
        printf("\nOption: ");
        scanf("%d", &option);
        /*Continues until option is 10 and calls the function corresponding to each
option*/
        while (option != 10) {
                switch (option) {
                        case 9:
                        option9(list_head);
                        break;
                        case 8:
                        option8(list_head, *category_names);
                        break;
                        default:
                        fp[option-1](list_head, *category_names);
                        break;
                }
                /*Prompts the user for another option until it is 10*/
                printf("\n\nPease enter an option between 1 and 10:\n");
                printf("1) Print Student Scores by Student ID\n");
                printf("2) Print Student Scores by Last Name\n");
                printf("3) Print Student Scores for All Students\n");
                printf("4) Recalculate Student Scores for a Single Student ID\n");
                printf("5) Recalculate All Student Scores\n");
                printf("6) Insert a score for a specific student ID\n");
                printf("7) Calculate Final Grades\n");
                printf("8) Add a new student\n");
                printf("9) Delete a student\n");
                printf("10) Exit Program\n");
                printf("\nOption: ");
                scanf("%d", &option);
        }
        option10(file, list_head, category_names);
```

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}
```