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#include <iostream>
#include <string>
#include "TO_DO_LIST.h"
using namespace std;
int main() {
    sortedLinkedList todoList; // Create a sortedLinkedList object
    // Main loop to interact with the user
    char choice; // Variable to store user choice
    string task; // Variable to store task
    cout << "          ***** TO_DO_LIST *****" << endl;
    do {
        // Display menu options
        cout << "Choose an option:" << endl;
        cout << "1. Add a task" << endl;
        cout << "2. Remove a task" << endl;
        cout << "3. Display tasks" << endl;
        cout << "4. Check if a task is done" << endl;
        cout << "5. Mark a task as done" << endl;
        cout << "6. To show number of tasks " << endl;
        cout << "7. to displayUncompletedTasks " << endl;
        cout << "0. Quit" << endl;
        cout << "Enter your choice: ";
        cin >> choice; // Get user choice
        cin.ignore(); // Clear buffer
        switch (choice) {
            case '1':
                cout << "Enter task to add: ";
                getline(cin, task); // Get the task from the user
                todoList.addTask(task); // Add the task to the list
                break;
            case '2':
                cout << "Enter task to remove: ";
                getline(cin, task); // Get the task from the user
                todoList.removeTask(task); // Remove the task from the list
                break;
            case '3':
                cout << "Tasks:" << endl;
                todoList.displayTasks(); // Display all tasks
                break;
            case '4':
                cout << "Enter task to check: ";
                getline(cin, task); // Get the task from the user
                if (todoList.isTaskDone(task)) { // Check if the task is done
                    cout << "Task is done." << endl;
                }
                else {
                    cout << "Task is not done." << endl;
                }
                break;
            case '5':
                cout << "Enter task to mark as done: ";
                getline(cin, task); // Get the task from the user
                todoList.markTaskDone(task); // Mark the task as done
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        break;
    case '6':
        cout << " count of tasks " << endl;
        todoList.counttasksdone();
        break;
    case '7':
        cout << "Uncompleted tasks:" << endl;
        todoList.displayUncompletedTasks(); // Display uncompleted tasks
        break;

    case '0':
        cout << "Exiting..." << endl; // Exit message
        break;
    default:
        cout << "Invalid choice. Please try again." << endl; // Error    ↗
            message for invalid choice
            break;
    }
    cout << endl;
    cout << "          *****          " << endl;
} while (choice != '0'); // Loop until the user chooses to quit
return 0;
}
```