```cpp
#include <iostream>
#include <vector>
#include <string>

using namespace std;

class ToDoList {
private:
    vector<string> tasks;

public:
    void addTask() {
        string task;
        cout << "Enter a task: ";
        getline(cin, task);
        tasks.push_back(task);
        cout << "Task added successfully!" << endl;
    }

    void viewTasks() {
        if (tasks.empty()) {
            cout << "No tasks available." << endl;
        } else {
            cout << "Tasks:" << endl;
            for (int i = 0; i < tasks.size(); i++) {
                cout << i + 1 << ". " << tasks[i] << endl;
            }
        }
    }

    void deleteTask() {
        if (tasks.empty()) {
            cout << "No tasks available to delete." << endl;
        } else {
            viewTasks();
```

```cpp
class ToDoList {
    void deleteTask() {
        } else {
            viewTasks();
            int taskNumber;
            cout << "Enter the task number to delete: ";
            cin >> taskNumber;
            cin.ignore();
            if (taskNumber > 0 && taskNumber <= tasks.size()) {
                tasks.erase(tasks.begin() + taskNumber - 1);
                cout << "Task deleted successfully!" << endl;
            } else {
                cout << "Invalid task number." << endl;
            }
        }
    }
};

int main() {
    ToDoList toDoList;
    int choice;
    do {
        cout << "To-Do List Menu:" << endl;
        cout << "1. Add Task" << endl;
        cout << "2. View Tasks" << endl;
        cout << "3. Delete Task" << endl;
        cout << "4. Exit" << endl;
        cout << "Enter your choice: ";
        cin >> choice;
        cin.ignore();
        switch (choice) {
            case 1:
                toDoList.addTask();
                break;
```

```cpp
                break;
            case 2:
                toDoList.viewTasks();
                break;
            case 3:
                toDoList.deleteTask();
                break;
            case 4:
                cout << "Exiting the program." << endl;
                break;
            default:
                cout << "Invalid choice. Please choose a valid option." << endl;
        }
    } while (choice != 4);
    return 0;
}
```

```
cpp -o Task2 } ; if ($?) { .\Task2 }
```
To-Do List Menu:
1. Add Task
2. View Tasks
3. Delete Task
4. Exit
Enter your choice: 1
Enter a task: solve maths problems
Task added successfully!
To-Do List Menu:
1. Add Task
2. View Tasks
3. Delete Task
4. Exit
Enter your choice: 2
Tasks:
1. solve maths problems
To-Do List Menu:
1. Add Task
2. View Tasks
3. Delete Task
4. Exit
Enter your choice: 3
Tasks:
1. solve maths problems
Enter the task number to delete: 1
Task deleted successfully!
To-Do List Menu:
1. Add Task
2. View Tasks
3. Delete Task
4. Exit
Enter your choice: 4
Exiting the program.
PS C:\Users\deshv\OneDrive\Desktop\Internship Tasks>

Task1.cpp   Task2.cpp   Task3.cpp ✕

Task3.cpp > ⊘ main()

```cpp
#include<iostream>
using namespace std;
int main(){
    int a;
    cout<<"The number that will be guessed between(1 to 10) : ";
    cin>>a;
    int b;
    for(int i=1;i<=10;i++){
        cout<<"Guess the number : ";
        cin>>b;
        if(b>a){
            cout<<"to high! Try Again"<<endl<<endl;
        }
        else if(b<a){
            cout<<"to low! Try Again"<<endl<<endl;
        }
        if(b==a){
            cout<<"Nice! you guessed it"<<endl<<endl;
            break;
        }
    }
}
```

The number that will be guessed between(1 to 10) : 5
Guess the number : 6
to high! Try Again

Guess the number : 8
to high! Try Again

Guess the number : 1
to low! Try Again

Guess the number : 4
to low! Try Again

Guess the number : 5
Nice! you guessed it

PS C:\Users\deshv\OneDrive\Desktop\Internship Tasks>

```cpp
1    #include<iostream>
2    using namespace std;
3    double add(double num1 , double num2){
4        return num1 + num2;
5    }
6    double subtract(double num1 , double num2){
7        return num1 - num2;
8    }
9    double multiply(double num1 , double num2){
10       if(num2!=0){
11       return num1 * num2;}
12       else{
13           cout<<"Error"<<endl;
14           return 0;
15       }
16   }
17   double division(double num1 , double num2){
18       return num1 / num2;
19   }
20   int main(){
21       double num1 , num2;
22       char op;
23       cout<<"Enter first number :- ";
24       cin>>num1;
25       cout<<"Enter operator(+ , - , * , /) :- ";
26       cin>>op;
27       cout<<"Enter second number :- ";
28       cin>>num2;
29       double result;
30       if(op == '+'){
31           result = add(num1,num2);
32       }
33       else if(op == '-'){
34           result = subtract(num1,num2);
35       }
```

```cpp
    else if(op == '*'){
        result = multiply(num1,num2);
    }
    else if(op == '/'){
        result = division(num1,num2);
    }
    else{
        cout<<"Invalid Operator";
    }
    if(op=='+' || op=='-' || op=='*' || op=='/' )
    cout<<"Your Answer is :- "<<result;}

}
```

```
PS C:\Users\deshv\OneDrive\Desktop\Internship Tasks> cd "c:\Users
\deshv\OneDrive\Desktop\Internship Tasks\" ; if ($?) { g++ Task1.
cpp  o  Task1 } ; if ($?) { .\Task1 }
Enter first number :- 54
Enter operator(+ , - , * , /) :- /
Enter second number :- 23
Your Answer is :- 2.34783
PS C:\Users\deshv\OneDrive\Desktop\Internship Tasks> cd "c:\Users
\deshv\OneDrive\Desktop\Internship Tasks\" ; if ($?) { g++ Task1.
cpp -o Task1 } ; if ($?) { .\Task1 }
Enter first number :- 45
Enter operator(+ , - , * , /) :- /
Enter second number :- 0
Your Answer is :- inf
PS C:\Users\deshv\OneDrive\Desktop\Internship Tasks> cd "c:\Users
\deshv\OneDrive\Desktop\Internship Tasks\" ; if ($?) { g++ Task1.
cpp -o Task1 } ; if ($?) { .\Task1 }
Enter first number :- 54.23
Enter operator(+ , - , * , /) :- +
Enter second number :- 56.12
Your Answer is :- 110.35
PS C:\Users\deshv\OneDrive\Desktop\Internship Tasks> cd "c:\Users
\deshv\OneDrive\Desktop\Internship Tasks\" ; if ($?) { g++ Task1.
cpp -o Task1 } ; if ($?) { .\Task1 }
Enter first number :- 1213
Enter operator(+ , - , * , /) :- -
Enter second number :- 1254
Your Answer is :- -41
PS C:\Users\deshv\OneDrive\Desktop\Internship Tasks> ▊
```