

```

1 tasks = []
2
3 1 usage
4 def add_task():
5     task_description = input("Enter a new task: ")
6     tasks.append({"description": task_description, "completed": False})
7     print(f"New task '{task_description}' added successfully!\n")
8
9 1 usage
10 def remove_task():
11     show_tasks()
12     if not tasks:
13         return
14
15     task_number = int(input("Enter the task number to remove: "))
16     if 1 <= task_number <= len(tasks):
17         removed_task = tasks.pop(task_number - 1)
18         print(f"Task '{removed_task['description']}' removed successfully!\n")
19     else:
20         print("Invalid task number. Please try again.\n")
21
22 3 usages
23 def show_tasks():
24     if not tasks:
25         print("No tasks available.\n")
26     else:
27         print("Your Tasks:")
28         for index, task in enumerate(tasks, start=1):
29             status = "Complete" if task["completed"] else "Incomplete"
30             print(f"{index}. {task['description']} - {status}")
31         print()

```

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28     print()
29
30     usage
31     def complete_task():
32         show_tasks()
33         if not tasks:
34             return
35
36         task_number = int(input("Enter the task number to mark as complete: "))
37         if 1 <= task_number <= len(tasks):
38             tasks[task_number - 1]["completed"] = True
39             print("Task marked as complete!\n")
40         else:
41             print("Invalid task number. Please try again.\n")
42
43     usage
44     def main():
45         print("== Welcome to Your To-Do List ==")
46
47         while True:
48             print("1. Add a New Task")
49             print("2. Remove a Task")
50             print("3. Show Your Tasks")
51             print("4. Mark Task as Complete")
52             print("5. Quit")
53
54             choice = input("Choose an option (1-5): ")
55
56             if choice == "1":
57                 add_task()
58             elif choice == "2":

```

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45 while True:
46     print("1. Add a New Task")
47     print("2. Remove a Task")
48     print("3. Show Your Tasks")
49     print("4. Mark Task as Complete")
50     print("5. Quit")
51
52     choice = input("Choose an option (1-5): ")
53
54     if choice == "1":
55         add_task()
56     elif choice == "2":
57         remove_task()
58     elif choice == "3":
59         show_tasks()
60     elif choice == "4":
61         complete_task()
62     elif choice == "5":
63         print("Exiting the To-Do List. Goodbye!")
64         break
65     else:
66         print("Invalid choice. Please enter a number between 1 and 5.\n")
67
68 if __name__ == "__main__":
69     main()
70

```

```
"E:\CLG SHIT\SEM 4\DDAI\venv\Scripts\python.exe" "E:\CLG SHIT\SEM 4\DDAI\WB executions\to do list.py"
```

```
== Welcome to Your To-Do List ==
```

1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit

```
Choose an option (1-5): 1
```

```
Enter a new task: Football
```

```
New task 'Football' added successfully!
```

1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit

```
Choose an option (1-5): 1
```

```
Enter a new task: Cleaning
```

```
New task 'Cleaning' added successfully!
```

1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit

```
Choose an option (1-5): 1
```

```
Enter a new task: Submissions
```

```
New task 'Submissions' added successfully!
```

```
1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit
Choose an option (1-5): 3
Your Tasks:
1. Football - Incomplete
2. Cleaning - Incomplete
3. Submissions - Incomplete

1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit
Choose an option (1-5): 2
Your Tasks:
1. Football - Incomplete
2. Cleaning - Incomplete
3. Submissions - Incomplete

Enter the task number to remove: 1
Task 'Football' removed successfully!
```

```
Choose an option (1-5): 3
Your Tasks:
1. Cleaning - Incomplete
2. Submissions - Incomplete
```

```
1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit
```

```
Choose an option (1-5): 4
Your Tasks:
1. Cleaning - Incomplete
2. Submissions - Incomplete
```

```
Enter the task number to mark as complete: 2
Task marked as complete!
```

```
1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit
Choose an option (1-5): 3
Your Tasks:
1. Cleaning - Incomplete
2. Submissions - Complete

1. Add a New Task
2. Remove a Task
3. Show Your Tasks
4. Mark Task as Complete
5. Quit
Choose an option (1-5): 5
Exiting the To-Do List. Goodbye!

Process finished with exit code 0
|
```