```
 1 import os
 2
 3 tasks = []
 4
 5
 6 def display_menu():
 7     print("\nTo-Do List Menu:")
 8     print("1. View all tasks")
 9     print("2. Add a new task")
10     print("3. Edit a task")
11     print("4. Delete a task")
12     print("5. Exit")
13
14
15 def view_tasks():
16     if not tasks:
17         print("\nNo tasks in the list.")
18     else:
19         print("\nTasks:")
20         for index, task in enumerate(tasks):
21             print(f"{index + 1}. {task}")
22
23
24 def add_task():
25     task = input("\nEnter the new task: ")
26     tasks.append(task)
27     print("Task added successfully.")
28
29
30 def edit_task():
31     view_tasks()
32     if tasks:
33         task_number = int(input("\nEnter the task
   number to edit: ")) - 1
34         if 0 <= task_number < len(tasks):
35             new_task = input("Enter the new task
   description: ")
36             tasks[task_number] = new_task
37             print("Task updated successfully.")
38         else:
39             print("Invalid task number.")
```

```
40
41
42 def delete_task():
43     view_tasks()
44     if tasks:
45         task_number = int(input("\nEnter the task
   number to delete: ")) - 1
46         if 0 <= task_number < len(tasks):
47             tasks.pop(task_number)
48             print("Task deleted successfully.")
49         else:
50             print("Invalid task number.")
51
52
53 def main():
54     while True:
55         display_menu()
56         choice = input("\nEnter your choice (1-5): ")
57
58         if choice == '1':
59             view_tasks()
60         elif choice == '2':
61             add_task()
62         elif choice == '3':
63             edit_task()
64         elif choice == '4':
65             delete_task()
66         elif choice == '5':
67             print("Exiting the To-Do List app.
   Goodbye!")
68             break
69         else:
70             print("Invalid choice. Please enter a
   number between 1 and 5.")
71
72
73 if __name__ == "__main__":
74     main()
75
```