

```
tasks = []

def show_menu():
    print("\n--- TO-DO LIST MENU ---")
    print("1. Add Task")
    print("2. View Tasks")
    print("3. Update Task")
    print("4. Mark Task as Done")
    print("5. Delete Task")
    print("6. Exit")

def add_task():
    task = input("Enter new task: ")
    tasks.append({"task": task, "done": False})
    print("Task added!")

def view_tasks():
    if not tasks:
        print("No tasks yet.")
        return
    for i, t in enumerate(tasks):
        status = "Done" if t["done"] else "Not Done"
        print(f"{i+1}. {t['task']} [{status}]")

def update_task():
    view_tasks()
    try:
        num = int(input("Enter task number to update: ")) - 1
        if 0 <= num < len(tasks):
            new_task = input("Enter updated task: ")
            tasks[num]["task"] = new_task
            print("Task updated!")
        else:
            print("Invalid number.")
    except:
        print("Please enter a valid number.")

def mark_done():
    view_tasks()
    try:
        num = int(input("Enter task number to mark as done: ")) - 1
        if 0 <= num < len(tasks):
            tasks[num]["done"] = True
            print("Task marked as done!")
        else:
            print("Invalid number.")
    except:
        print("Please enter a valid number.")

def delete_task():
    view_tasks()
    try:
        num = int(input("Enter task number to delete: ")) - 1
        if 0 <= num < len(tasks):
            tasks.pop(num)
            print("Task deleted!")
        else:
            print("Invalid number.")
    except:
        print("Please enter a valid number.")

while True:
    show_menu()
    choice = input("Choose an option (1-6): ")

    if choice == '1':
        add_task()
    elif choice == '2':
        view_tasks()
    elif choice == '3':
        update_task()
    elif choice == '4':
        mark_done()
    elif choice == '5':
        delete_task()
    elif choice == '6':
        print("Exiting. Have a productive day!")
        break
    else:
        print("Invalid choice. Try again.")
```



```
--- TO-DO LIST MENU ---
1. Add Task
2. View Tasks
3. Update Task
4. Mark Task as Done
5. Delete Task
6. Exit
Choose an option (1-6): 1
Enter new task: complete codsoft task
Task added!

--- TO-DO LIST MENU ---
1. Add Task
2. View Tasks
3. Update Task
4. Mark Task as Done
5. Delete Task
6. Exit
Choose an option (1-6): 1
Enter new task: post on linkedIn
Task added!

--- TO-DO LIST MENU ---
1. Add Task
2. View Tasks
3. Update Task
4. Mark Task as Done
5. Delete Task
6. Exit
Choose an option (1-6): 2
1. complete codsoft task [Not Done]
2. post on linkedIn [Not Done]

--- TO-DO LIST MENU ---
1. Add Task
2. View Tasks
3. Update Task
4. Mark Task as Done
5. Delete Task
6. Exit
Choose an option (1-6): 3
1. complete codsoft task [Not Done]
2. post on linkedIn [Not Done]
Enter task number to update: 1
Enter updated task: complete codsoft task - final
Task updated!

--- TO-DO LIST MENU ---
1. Add Task
2. View Tasks
3. Update Task
4. Mark Task as Done
5. Delete Task
6. Exit
Choose an option (1-6): 4
1. complete codsoft task - final [Not Done]
2. post on linkedIn [Not Done]
```