# MINI PROJECT

## TO-DO LIST

**PROGRAM:**

```
tasks = {}

def add_task(name, description):
    tasks[name] = {"description": description, "completed": False}

def delete_task(name):
    if name in tasks:
        del tasks[name]
    else:
        print("Task not found")

def display_tasks():
    for name, task in tasks.items():
        status = "Completed" if task["completed"] else "Pending"
        print(f"{name}: {task['description']} ({status})")

def complete_task(name):
    if name in tasks:
        tasks[name]["completed"] = True
    else:
        print("Task not found")
```

```
while True:
    print("\nTo-Do List Menu:")
    print("1. Add task")
    print("2. Delete task")
    print("3. Display tasks")
    print("4. Mark task as completed")
    print("5. Quit")
    choice = input("Choose an option: ")

    if choice == "1":
        name = input("Enter task no: ")
        description = input("Enter task description: ")
        add_task(name, description)
    elif choice == "2":
        name = input("Enter task no to delete: ")
        delete_task(name)
    elif choice == "3":
        display_tasks()
    elif choice == "4":
        name = input("Enter task no to complete: ")
        complete_task(name)
    elif choice == "5":
        break
    else:
        print("Invalid choice")
```

**OUTPUT:**

```
To-Do List Menu:
1. Add task
2. Delete task
3. Display tasks
4. Mark task as completed
5. Quit
Choose an option: 1
Enter task no: 1
Enter task description: charge watch

To-Do List Menu:
1. Add task
2. Delete task
3. Display tasks
4. Mark task as completed
5. Quit
Choose an option: 3
1: charge watch (Pending)

To-Do List Menu:
1. Add task
2. Delete task
3. Display tasks
4. Mark task as completed
5. Quit
Choose an option: 5

=== Code Execution Successful ===
```