tasks = []

def display\_tasks():

if not tasks:

print("Your to-do list is empty!\n")

return

print("\n--- To-Do List ---")

for i, task in enumerate(tasks, start=1):

status = "✔️ Completed" if task["completed"] else "❌ Not Completed"

print(f"{i}. {task['title']} - {status}")

print()

def add\_task():

title = input("Enter the task: ").strip()

tasks.append({"title": title, "completed": False})

print(f"Task '{title}' added successfully!\n")

def update\_task():

display\_tasks()

try:

task\_number = int(input("Enter the task number to update: ")) - 1

if 0 <= task\_number < len(tasks):

tasks[task\_number]["title"] = input("Enter the new task title: ").strip()

print("Task updated successfully!\n")

else:

print("Invalid task number!\n")

except ValueError:

print("Invalid input. Please enter a valid number.\n")

def complete\_task():

display\_tasks()

try:

task\_number = int(input("Enter the task number to mark as completed: ")) - 1

if 0 <= task\_number < len(tasks):

tasks[task\_number]["completed"] = True

print(f"Task '{tasks[task\_number]['title']}' marked as completed!\n")

else:

print("Invalid task number!\n")

except ValueError:

print("Invalid input. Please enter a valid number.\n")

def delete\_task():

display\_tasks()

try:

task\_number = int(input("Enter the task number to delete: ")) - 1

if 0 <= task\_number < len(tasks):

removed\_task = tasks.pop(task\_number)

print(f"Task '{removed\_task['title']}' deleted successfully!\n")

else:

print("Invalid task number!\n")

except ValueError:

print("Invalid input. Please enter a valid number.\n")

def todo\_list\_app():

while True:

print("\n--- To-Do List Application ---")

print("1. View Tasks")

print("2. Add Task")

print("3. Update Task")

print("4. Complete Task")

print("5. Delete Task")

print("6. Exit")

choice = input("Choose an option (1-6): ").strip()

if choice == '1':

display\_tasks()

elif choice == '2':

add\_task()

elif choice == '3':

update\_task()

elif choice == '4':

complete\_task()

elif choice == '5':

delete\_task()

elif choice == '6':

print("Exiting To-Do List Application. Goodbye!")

break

else:

print("Invalid choice. Please choose a valid option.\n")

todo\_list\_app()