tasks = []

def add\_task(task):

tasks.append(task)

print(f"Task added successfully!")

def remove\_task(index):

if 0 <= index < len(tasks):

removed\_task = tasks.pop(index)

print(f"Task reoved successfully!")

else:

print("Invalid index!")

def update\_task(index, new\_task):

if 0 <= index < len(tasks):

tasks[index] = new\_task

print(f"Task updated to '{new\_task}'!")

else:

print("Invalid index!")

def view\_tasks():

if tasks:

print("\nYour To-Do List:")

for i, task in enumerate(tasks):

print(f"{i}. {task}")

else:

print("Your To-Do List is empty!")

while True:

print("\nOptions: 1. Add Task \n 2. Remove Task \n 3. Update Task \n 4. View Tasks \n 5. Exit")

choice = input("Enter your choice: ")

if choice == "1":

task = input("Enter task: ")

add\_task(task)

elif choice == "2":

index = int(input("Enter task index to remove: "))

remove\_task(index)

elif choice == "3":

index = int(input("Enter task index to update: "))

new\_task = input("Enter new task: ")

update\_task(index, new\_task)

elif choice == "4":

view\_tasks()

elif choice == "5":

print("Exiting To-Do List Application. Have a productive day!")

break

else:

print("Invalid choice! Please try again.")