from tkinter import \*

from tkinter import messagebox

to\_do\_app = Tk() to\_do\_app.title("To Do List App") to\_do\_app.resizable(False, False)

def add():

task = task\_entry.get() if task == "":

messagebox.showerror("Error", "Please enter something to add task") else:

with open("added\_task.txt", "a") as added\_task1: added\_task1.write(task + "\n")

task\_list.insert(END, (task, False)) task\_entry.delete(0, END)

def delete(): try:

index = task\_list.curselection()[0] task\_list.delete(index)

except IndexError:

messagebox.showwarning("Warning", "Please select a task to delete.")

def toggleCompletion(): try:

index = task\_list.curselection()[0] task, completed = task\_list.get(index) task\_list.delete(index)

task\_list.insert(index, (task, not completed)) except IndexError:

messagebox.showwarning("Warning", "Please select a task to mark as complete.")

def retrieveTasks(): try:

with open("added\_task.txt", "r") as added\_task\_file: tasks = added\_task\_file.readlines()

for task in tasks:

task = task.strip() # Remove newline characters task\_list.insert(END, (task, False))

except FileNotFoundError: messagebox.showwarning("Warning", "No tasks found.")

task\_lbl = Label(to\_do\_app, text="Task Manager", font=("arial", 20, "bold"), width=25, foreground="#4658f0",

background="#e3f2f8") task\_lbl.pack()

frame = Frame(to\_do\_app) frame.pack()

scrollbar = Scrollbar(frame, orient=VERTICAL) scrollbar.pack(side=RIGHT)

task\_list = Listbox(frame, font=("arial", 16), width=30, yscrollcommand=scrollbar.set) task\_list.pack(side=RIGHT)

scrollbar.config(command=task\_list.yview)

task\_entry = Entry(to\_do\_app, font="arial 16", bd=10, insertwidth=2, width=30) task\_entry.pack()

add\_task = Button(to\_do\_app, text="Add task", font="arial 18 bold", background="green", foreground="white",

activebackground="green", width=25, command=add) add\_task.pack()

delete\_task = Button(to\_do\_app, text="Delete task", font="arial 18 bold", background="#f65245", foreground="white",

activebackground="red", width=25, command=delete) delete\_task.pack()

completed\_task = Button(to\_do\_app, text="Completed task", font="arial 18 bold", background="#3c5ddc",

foreground="white", activebackground="blue", width=25, command=toggleCompletion)

completed\_task.pack()

retrieve\_tasks\_button = Button(to\_do\_app, text="Retrieve Tasks", font="arial 18 bold", background="#f6c23e",

foreground="white", activebackground="#ffab00", width=25, command=retrieveTasks)

retrieve\_tasks\_button.pack() to\_do\_app.mainloop()