


```
1 import tkinter as tk
2 from tkinter import messagebox
3 def add_task():
4     task = task_entry.get()
5     if task:
6         task_listbox.insert(tk.END, task)
7         task_entry.delete(0, tk.END)
8     else:
9         messagebox.showwarning("Warning"
10 , "Task description cannot be empty!")
11 def complete_task():
12     selected_task_index = task_listbox.
13     curselection()
14     if selected_task_index:
15         completed_task = task_listbox.get
16         (selected_task_index)
17         completed_listbox.insert(tk.END,
18         completed_task)
19         task_listbox.delete(
20         selected_task_index)
21     else:
22         messagebox.showwarning("Warning"
23 , "Select a task to mark as complete!")
24 def remove_task():
25     selected_task_index = task_listbox.
26     curselection()
27     if selected_task_index:
```

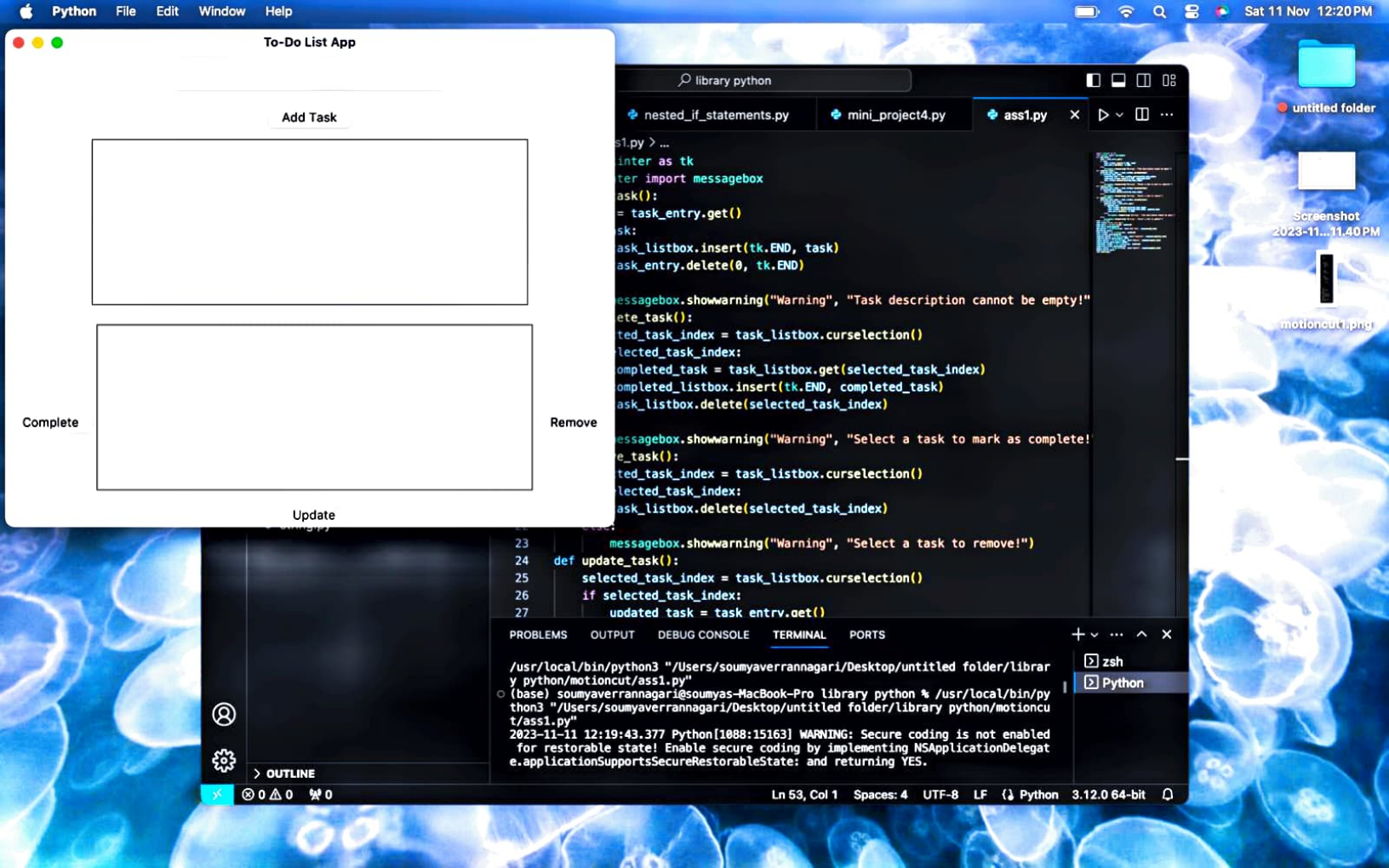


```
        task_listbox.delete(
selected_task_index)
    else:
        messagebox.showwarning("Warning",
"Select a task to remove!")
def update_task():
    selected_task_index = task_listbox.
curselection()
    if selected_task_index:
        updated_task = task_entry.get()
        if updated_task:
            task_listbox.delete(
selected_task_index)
            task_listbox.insert(
selected_task_index, updated_task)
            task_entry.delete(0, tk.END)
        else:
            messagebox.showwarning("Warning"
, "Task description cannot be empty!")
    else:
        messagebox.showwarning("Warning",
"Select a task to update!")
root = tk.Tk()
root.title("To-Do List App")
task_entry = tk.Entry(root, width=30)
task_entry.pack(pady=10)
add_button = tk.Button(root, text="Add Task"
, command=add_task)
```



```
add_button.pack()
task_listbox = tk.Listbox(root, width=50)
task_listbox.pack(pady=10)
complete_button = tk.Button(root, text=
"Complete", command=complete_task)
complete_button.pack(side=tk.LEFT)
remove_button = tk.Button(root, text="Remove"
, command=remove_task)
remove_button.pack(side=tk.RIGHT)
completed_listbox = tk.Listbox(root, width=50
)
completed_listbox.pack(pady=10)
update_button = tk.Button(root, text="Update"
, command=update_task)
update_button.pack()
root.mainloop()
```





Add Task

breakfast  
bath  
college  
return from college  
rest  
study  
dinner

gym

Update

Complete

Remove