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//to do list
from tkinter import *
# Initializing the python to do list GUI window
root = Tk()
root.title('TechVidvan To-Do List')
root.geometry('300x400')
root.resizable(0, 0)
root.config(bg="PaleVioletRed")

# Heading Label
Label(root, text='TechVidvan Python To Do List', bg='PaleVioletRed', font=("Comic Sans MS", 15),
wraplength=300).place(x=35, y=0)

# Listbox with all the tasks with a Scrollbar
tasks = Listbox(root, selectbackground='Gold', bg='Silver', font=('Helvetica', 12), height=12,
width=25)

scroller = Scrollbar(root, orient=VERTICAL, command=tasks.yview)
scroller.place(x=260, y=50, height=232)

tasks.config(yscrollcommand=scroller.set)

tasks.place(x=35, y=50)

# Adding items to the Listbox
with open('tasks.txt', 'r+') as tasks_list:
    for task in tasks_list:
        tasks.insert(END, task)
    tasks_list.close()

# Creating the Entry widget where the user can enter a new item
new_item_entry = Entry(root, width=37)
new_item_entry.place(x=35, y=310)

# Creating the Buttons
add_btn = Button(root, text='Add Item', bg='Azure', width=10, font=('Helvetica', 12),
                 command=lambda: add_item(new_item_entry, tasks))
add_btn.place(x=45, y=350)

delete_btn = Button(root, text='Delete Item', bg='Azure', width=10, font=('Helvetica', 12),
                 command=lambda: delete_item(tasks))
delete_btn.place(x=150, y=350)

# Finalizing the window
root.update()
root.mainloop()
# Adding and Deleting items functions
def add_item(entry: Entry, listbox: Listbox):
    new_task = entry.get()

    listbox.insert(END, new_task)

    with open('tasks.txt', 'a') as tasks_list_file:
        tasks_list_file.write(f'\n{new_task}')


def delete_item(listbox: Listbox):
    listbox.delete(ACTIVE)

    with open('tasks.txt', 'r+') as tasks_list_file:
        lines = tasks_list_file.readlines()

        tasks_list_file.truncate()
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            for line in lines:
                if listbox.get(ACTIVE) == line[:-2]:
                    lines.remove(line)
                tasks_list_file.write(line)

            tasks_list_file.close()
```