

Library Book Manager (Python + Tkinter)

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import tkinter as tk
from tkinter import messagebox

# ██████████ ██████████
books = []

def add_book():
    title = title_entry.get()
    author = author_entry.get()
    year = year_entry.get()

    if title and author and year:
        books.append({"title": title, "author": author, "year": year})
        messagebox.showinfo("Success", f"Book '{title}' added!")
        title_entry.delete(0, tk.END)
        author_entry.delete(0, tk.END)
        year_entry.delete(0, tk.END)
        update_listbox()
    else:
        messagebox.showwarning("Error", "Please fill all fields!")

def delete_book():
    selected = listbox.curselection()
    if selected:
        index = selected[0]
        book = books.pop(index)
        messagebox.showinfo("Deleted", f"Book '{book['title']}' deleted!")
        update_listbox()
    else:
        messagebox.showwarning("Error", "No book selected!")

def update_listbox():
    listbox.delete(0, tk.END)
    for book in books:
        listbox.insert(tk.END, f"{book['title']} - {book['author']} ({book['year']})")

# ██████████
root = tk.Tk()
root.title("Library Book Manager")
root.geometry("400x400")

# ██████████
tk.Label(root, text="Book Title:").pack()
title_entry = tk.Entry(root)
title_entry.pack()

tk.Label(root, text="Author:").pack()
author_entry = tk.Entry(root)
author_entry.pack()

tk.Label(root, text="Year:").pack()
year_entry = tk.Entry(root)
year_entry.pack()

# ██████████
tk.Button(root, text="Add Book", command=add_book).pack(pady=5)
tk.Button(root, text="Delete Book", command=delete_book).pack(pady=5)

# ██████████
listbox = tk.Listbox(root, width=50)
listbox.pack(pady=10)

root.mainloop()
```