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Lab15. Database Programming Using Tkinter and Sqlite3


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In [4]: import tkinter as tk
from tkinter import messagebox
import sqlite3
from tkinter import ttk

def submit_form():
    name = name_entry.get()
    email = email_entry.get()
    course = course_combobox.get()

    if name and email and course:
        # Connect to the SQLite database
        conn = sqlite3.connect('data.db')
        cursor = conn.cursor()

        cursor.execute('CREATE TABLE IF NOT EXISTS registrations (name TEXT, email TEXT, course TEXT)')

        cursor.execute('INSERT INTO registrations VALUES (?, ?, ?)', (name, email, course))

        conn.commit()
        conn.close()

        messagebox.showinfo("Success", "Form submitted successfully.")

        # Print submitted data to the console
        print(f"Name: {name}\nEmail: {email}\nCourse: {course}")

        reset_form()
    else:
        messagebox.showerror("Error", "Please fill out all the fields.")

def reset_form():
    name_entry.delete(0, tk.END)
    email_entry.delete(0, tk.END)
    course_combobox.set("Select a Course")

window = tk.Tk()
window.title("Registration Form")
window.geometry("300x250")

name_label = tk.Label(window, text="Name:")
name_label.pack()
name_entry = tk.Entry(window)
name_entry.pack()

email_label = tk.Label(window, text="Email:")
email_label.pack()
email_entry = tk.Entry(window)
email_entry.pack()

course_label = tk.Label(window, text="Course:")
course_label.pack()
course_options = ["Select a Course", "Math", "Science", "History", "Art"]
course_combobox = ttk.Combobox(window, values=course_options)
course_combobox.set("Select a Course")
course_combobox.pack()
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submit_button = tk.Button(window, text="Submit", command=submit_form)
submit_button.pack()

reset_button = tk.Button(window, text="Reset", command=reset_form)
reset_button.pack()

window.mainloop()
```

Name: kumar

Email: kumar@123

Course: Select a Course

Name: Rajesh

Email: Rajesh@gmail.com

Course: Select a Course

In []: