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TO-DO LIST (2).py
from tkinter import *
from tkinter import messagebox
import sqlite3 as sql

def add_task():
    task_string = task_field.get()
    if len(task_string) == 0:
        messagebox.showinfo('Error', 'Field is Empty.')
    else:
        tasks.append(task_string)
        the_cursor.execute('insert into tasks values (?)', (task_string ,))
        list_update()
        task_field.delete(0, 'end')

def list_update():
    clear_list()
    for task in tasks:
        task_listbox.insert('end', task)

def delete_task():
    try:
        the_value = task_listbox.get(task_listbox.curselection())
        if the_value in tasks:
            tasks.remove(the_value)
            list_update()
            the_cursor.execute('delete from tasks where title = ?', (the_value,))
    except:
        messagebox.showinfo('Error', 'No Task Selected. Cannot Delete.')

def delete_all_tasks():
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def delete_all_tasks():
    message_box = messagebox.askyesno('Delete All', 'Are you sure?')
    if message_box == True:
        while(len(tasks) != 0):
            tasks.pop()
        the_cursor.execute('delete from tasks')
        list_update()

def clear_list():
    task_listbox.delete(0, 'end')

def close():
    print(tasks)
    guiWindow.destroy()

def retrieve_database():
    while(len(tasks) != 0):
        tasks.pop()
    for row in the_cursor.execute('select title from tasks'):
        tasks.append(row[0])

if __name__ == "__main__":
    guiWindow = Tk()
    guiWindow.title("To-Do List ")
    guiWindow.geometry("665x400+550+250")
    guiWindow.resizable(0, 0)
    guiWindow.configure(bg = "#B5E5CF")

    the_connection = sql.connect('listOfTasks.db')
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__name__ == "__main__":

the_connection = sql.connect('listOfTasks.db')
the_cursor = the_connection.cursor()
the_cursor.execute('create table if not exists tasks (title text)')

tasks = []

functions_frame = Frame(guiWindow, bg = "#8EE5EE")

functions_frame.pack(side = "top", expand = True, fill = "both")

task_label = Label( functions_frame,text = "TO-DO-LIST \n Enter the Task
    font = ("arial", "14", "bold"),
    background = "#8EE5EE",
    foreground="#FF6103"
)
task_label.place(x = 20, y = 30)

task_field = Entry(
    functions_frame,
    font = ("Arial", "14"),
    width = 42,
    foreground="black",
    background = "white",
)
task_field.place(x = 180, y = 30)

add_button =Button(
    functions_frame,
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if __name__ == "__main__":
    exit_button = Button(
        width = 52,
        bg='#D4AC0D', font=("arial", "14", "bold"),
        command = close
    )
    add_button.place(x = 18, y = 80,)
    del_button.place(x = 240, y = 80)
    del_all_button.place(x = 460, y = 80)
    exit_button.place(x = 17, y = 330)

    task_listbox = Listbox(
        functions_frame,
        width = 70,
        height = 9,
        font="bold",
        selectmode = 'SINGLE',
        background = "WHITE",
        foreground="BLACK",
        selectbackground = "#FF8C00",
        selectforeground="BLACK"
    )
    task_listbox.place(x = 17, y = 140)

    retrieve_database()
    list_update()
    guiWindow.mainloop()
    the_connection.commit()
    the_cursor.close()
```