```python
# -*- coding: utf-8 -*-
"""LOGIN.ipynb

Automatically generated by Colaboratory.

Original file is located at
    https://colab.research.google.com/drive/1uRyKBrwEgn_PIfb6yQvgo6WykpfzaNj2
"""

from tkinter import *
import sqlite3

root = Tk()
root.title("Python: Simple Login Application")
width = 400
height = 280
screen_width = root.winfo_screenwidth()
screen_height = root.winfo_screenheight()
x = (screen_width/2) - (width/2)
y = (screen_height/2) - (height/2)
root.geometry("%dx%d+%d+%d" % (width, height, x, y))
root.resizable(0, 0)


#============================VARIABLES======================================
USERNAME = StringVar()
PASSWORD = StringVar()


#============================FRAMES=========================================
Top = Frame(root, bd=2,  relief=RIDGE)
Top.pack(side=TOP, fill=X)
Form = Frame(root, height=200)
Form.pack(side=TOP, pady=20)
```

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#==============================LABELS=======================================
lbl_title = Label(Top, text = "Python: Simple Login Application", font=('arial', 15))

lbl_title.pack(fill=X)

lbl_username = Label(Form, text = "Username:", font=('arial', 14), bd=15)

lbl_username.grid(row=0, sticky="e")

lbl_password = Label(Form, text = "Password:", font=('arial', 14), bd=15)

lbl_password.grid(row=1, sticky="e")

lbl_text = Label(Form)

lbl_text.grid(row=2, columnspan=2)


#============================ENTRY WIDGETS=================================
username = Entry(Form, textvariable=USERNAME, font=(14))

username.grid(row=0, column=1)

password = Entry(Form, textvariable=PASSWORD, show="*", font=(14))

password.grid(row=1, column=1)




#=============================METHODS=======================================
def Database():

    global conn, cursor

    conn = sqlite3.connect("pythontut.db")

    cursor = conn.cursor()

    cursor.execute("CREATE TABLE IF NOT EXISTS `member` (mem_id INTEGER NOT NULL PRIMARY KEY
AUTOINCREMENT, username TEXT, password TEXT)")

    cursor.execute("SELECT * FROM `member` WHERE `username` = 'admin' AND `password` = 'admin'")

    if cursor.fetchone() is None:

        cursor.execute("INSERT INTO `member` (username, password) VALUES('admin', 'admin')")

        conn.commit()

def Login(event=None):

    Database()

    if USERNAME.get() == "" or PASSWORD.get() == "":
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            lbl_text.config(text="Please complete the required field!", fg="red")
        else:
            cursor.execute("SELECT * FROM `member` WHERE `username` = ? AND `password` = ?", (USERNAME.get(),
PASSWORD.get()))

            if cursor.fetchone() is not None:

                HomeWindow()

                USERNAME.set("")

                PASSWORD.set("")

                lbl_text.config(text="")

            else:

                lbl_text.config(text="Invalid username or password", fg="red")

                USERNAME.set("")

                PASSWORD.set("")

        cursor.close()

        conn.close()




#==============================BUTTON WIDGETS================================

btn_login = Button(Form, text="Login", width=45, command=Login)

btn_login.grid(pady=25, row=3, columnspan=2)

btn_login.bind('<Return>', Login)




def HomeWindow():

    global Home

    root.withdraw()

    Home = Toplevel()

    Home.title("Python: Simple Login Application")

    width = 600

    height = 500

    screen_width = root.winfo_screenwidth()

    screen_height = root.winfo_screenheight()

    x = (screen_width/2) - (width/2)
```

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    y = (screen_height/2) - (height/2)
    root.resizable(0, 0)
    Home.geometry("%dx%d+%d+%d" % (width, height, x, y))
    lbl_home = Label(Home, text="Successfully Login!", font=('times new roman', 20)).pack()
    btn_back = Button(Home, text='Back', command=Back).pack(pady=20, fill=X)


def Back():
    Home.destroy()
    root.deiconify()
```