

# Login page code:

```
from tkinter import *
import sqlite3

root = Tk()

root.title("TICK BOOKING")

width = 500

height = 500

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)

USERNAME = StringVar()

PASSWORD = StringVar()

Top = Frame(root, bd=2, relief=RIDGE)

Top.pack(side=TOP, fill=X)

Form = Frame(root, height=200)

Form.pack(side=TOP, pady=20)

lbl_title = Label(Top, text = "TICK BOOKING", 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, colspan=2)

username = Entry(Form, textvariable=USERNAME, font=(14))
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username.grid(row=0, column=1)

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

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

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` = 'joice' AND `password` = 'joice'")
    cursor.execute("SELECT * FROM `member` WHERE `username` = 'banu' AND `password` = 'banu'")
    cursor.execute("SELECT * FROM `member` WHERE `username` = 'deeps' AND `password` = 'deeps'")
    cursor.execute("SELECT * FROM `member` WHERE `username` = 'josh' AND `password` = 'josh12'")

    if cursor.fetchone() is None:

        cursor.execute("INSERT INTO `member` (username, password) VALUES('joice', 'joice')")
        cursor.execute("INSERT INTO `member` (username, password) VALUES('banu', 'banu')")
        cursor.execute("INSERT INTO `member` (username, password) VALUES('deeps', 'deeps')")
        cursor.execute("INSERT INTO `member` (username, password) VALUES('josh', 'josh12')")

        conn.commit()

def Login(event=None):

    Database()

    if USERNAME.get() == "" or PASSWORD.get() == "":

        lbl_text.config(text="Complete the required field!", fg="blue")

    else:

        cursor.execute("SELECT * FROM `member` WHERE `username` = ? AND `password` = ?",
        (USERNAME.get(), PASSWORD.get()))

        if cursor.fetchone() is not None:

            HomeWindow()

            USERNAME.set("")

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        PASSWORD.set("")

        lbl_text.config(text="")

    else:

        lbl_text.config(text="Invalid login", fg="blue")

        USERNAME.set("")

        PASSWORD.set("")

    cursor.close()

    conn.close()

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("TICK BOOKING")

    width = 500

    height = 500

    screen_width = root.winfo_screenwidth()

    screen_height = root.winfo_screenheight()

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

    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="Login Successfull!", 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()
if __name__ == '__main__':
    root.mainloop()
```