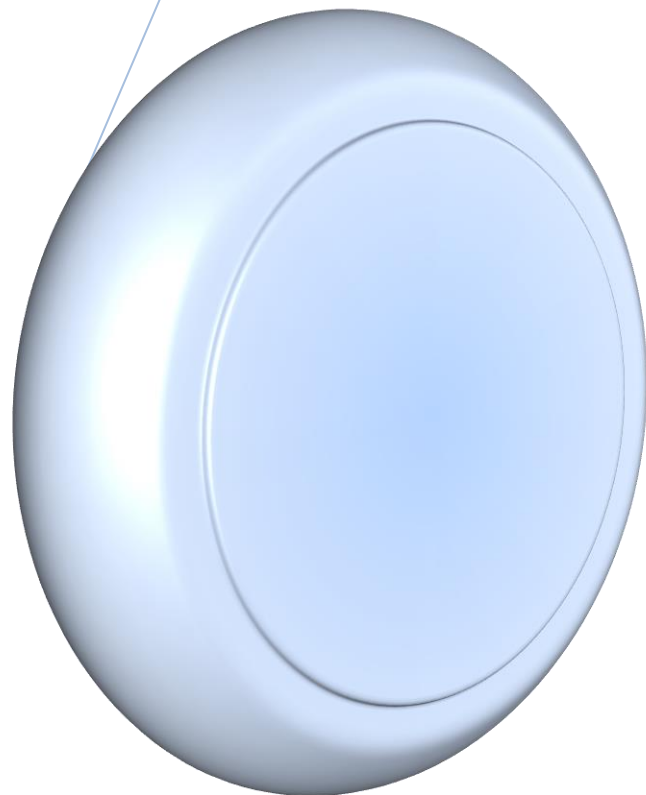


# Login using pymongo

COHDSE182.F-001



# Python source code

---

```
from tkinter import *
from tkinter import messagebox
import pymongo
client = pymongo.MongoClient("mongodb://localhost:27017/")
db = client["login"]
collection = db["table"]

root = Tk()
root.title('Login')
instruction = Label(root, text='Enter your username and password\n')
instruction.grid(sticky=E)

unameL = Label(root, text='Username: ')
unameL.grid(row=1, sticky=W)
pwordL = Label(root, text='Password: ')
pwordL.grid(row=2, sticky=W)

unameE = Entry(root)
unameE.grid(row=1, column=1, sticky=W)

pwordE = Entry(root, show='*')
pwordE.grid(row=2, column=1, sticky=W)

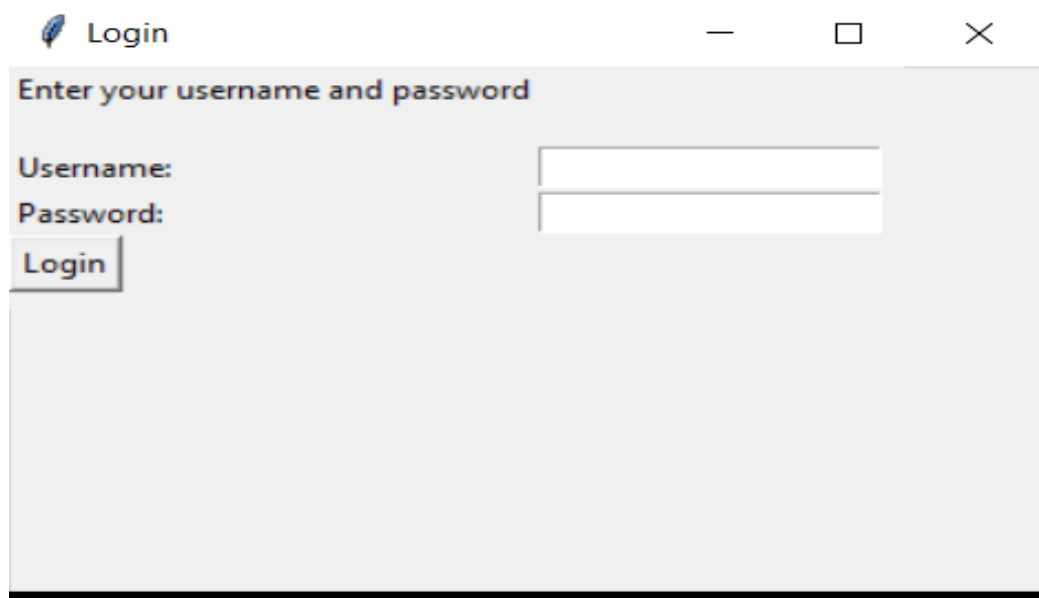
def message():
    for x in collection.find({},{"username":1,"password":1}):
        uname=str(x["username"])
        pword=str(x["password"])
        if unameE == uname and pwordE == pword:
            messagebox.showinfo("Information", "Login Successfull")
        else :
            messagebox.showinfo("Error", "Invalid Username or Password")

loginButton = Button(root, text='Login',command = message)
loginButton.grid(columnspan=3, sticky=W)

root.mainloop()
```

# Login Interface

---



A screenshot of a login window titled "Login" with a feather icon. The window has standard OS controls (minimize, maximize, close). The main content area is light gray and contains the text "Enter your username and password". Below this, there are two labels: "Username:" and "Password:", each followed by a white text input field. At the bottom left of the input area is a "Login" button.

Login

Enter your username and password

Username:

Password:

Login

# Mongo Database

---

U:\aoymongoao\oimymongo.exe

```
---
> use login
switched to db login
> show connection
2018-11-16T22:22:08.408+0530 E QUERY [js] Error: don't know how to show [connection] :
shellHelper.show@src/mongo/shell/utils.js:1055:11
shellHelper@src/mongo/shell/utils.js:766:15
@(shellHelper2):1:1
> show collection
2018-11-16T22:22:19.083+0530 E QUERY [js] Error: don't know how to show [collection] :
shellHelper.show@src/mongo/shell/utils.js:1055:11
shellHelper@src/mongo/shell/utils.js:766:15
@(shellHelper2):1:1
> db.table.insert({username:"ravindu",password:"pass@abc"})
WriteResult({ "nInserted" : 1 })
> db.table.find()
{ "_id" : ObjectId("5beef658ae231977042f85d8"), "username" : "ravindu", "password" : "pass@abc" }
> db.table.insert({username:"tharaka",password:"pass@123"})
WriteResult({ "nInserted" : 1 })
> db.table.find()
{ "_id" : ObjectId("5beef658ae231977042f85d8"), "username" : "ravindu", "password" : "pass@abc" }
{ "_id" : ObjectId("5beef737ae231977042f85d9"), "username" : "tharaka", "password" : "pass@123" }
>
```