E-Authentication With e-mail OTP in Python

Requirements:-

1. Python 3.6 or higher
2. Internet Connection (Required for sending emails)
3. Gmail SMTP Setup
4. Python libraries
    - Tkinter
    - Smtplib
    - Hashlib
    - Randam
    - Json

How to Run:-

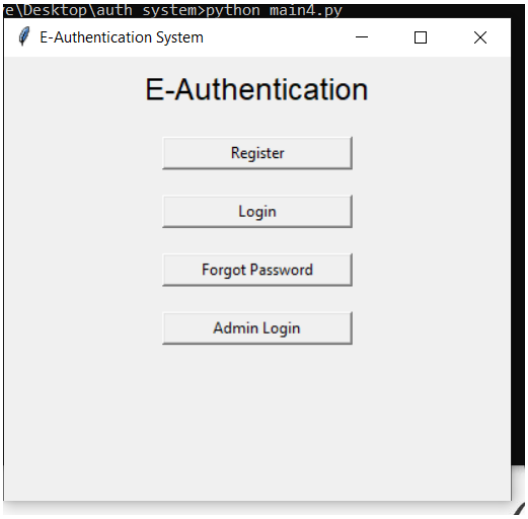
- First save the project file to ‘authentication’ folder
- Open the file in any editor and modify

> **SENDER_EMAIL = "youremail@gmail.com"**
> **SENDER_PASSWORD = "yourapppassword"**

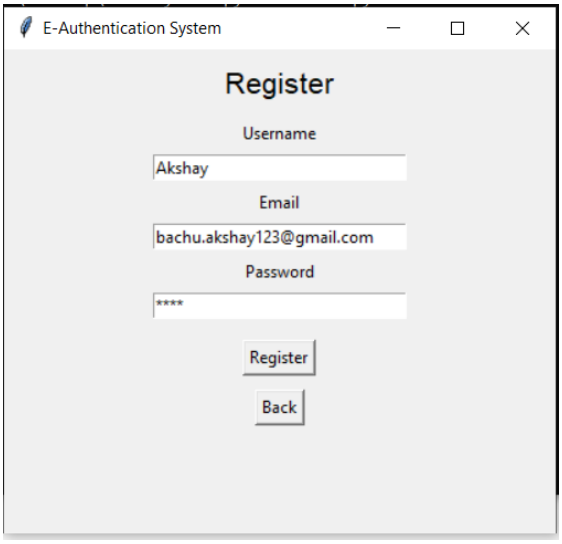
- With your gmail and app password to send otp’s

> - Go to: https://myaccount.google.com/apppasswords
> - Generate a password for “GMail”
> - Copy it and paste into `SENDER_PASSWORD`

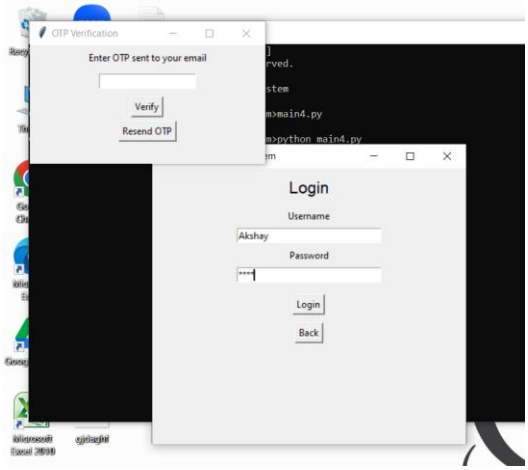
- Save the file and Open terminal/command prompt on your PC.
- Navigate to ‘authentication’ folder
- Run command : python main.py
- This opens the GUI window:



- for register click on register fill the details

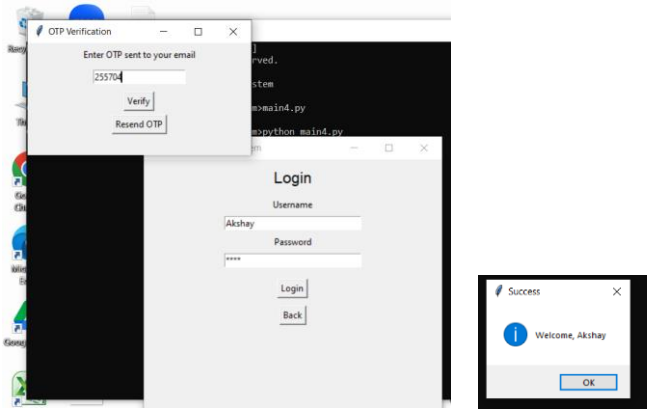


- After click on register navigate it into e-authentication and click on login



- After entering the login details you will get otp to your registered mailId

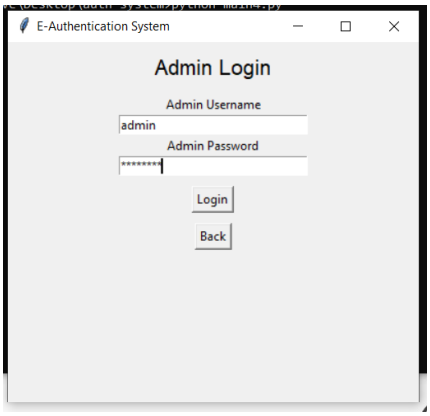
- Enter the otp in the window and click on the verify it will display the message

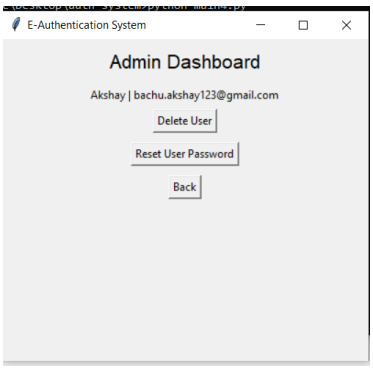


- for admin:- click on the Admin Login

  admin username:- admin

  admin password:- admin123



- after login you admin can

  - View all registered users
  - Delete users
  - Reset any user's password