**OTP with Python**

**Setting up:**

1. Install apache2, MySql, php (Can be installed by running installer.sh)
2. Import database.sql and place the php files in “ /var/www/html “
3. Open [127.0.0.1](http://127.0.0.1) on your browser. Login with username “ bedapudi “, password “ praneeth “ or add your own usernames and passwords in database.

**How it works:**

1. After user enters correct username and password a Python script is invoked which sends a random 5 digit integer to email and this random number is stored as a session variable.
2. If user enters the same value in the input box in under 30 minutes, he is deemed as completely logged in.
3. The “ randint “ function in Python’s “ random “ is used to generate the random 5 digit number.
4. Server connections are established with gmail using SMPT functionality of Python ( smptlib library)

[All files can be found here](https://drive.google.com/a/innoplexus.com/file/d/0B_o0qNhxuk6PVjh6WVVBSVYwT1E/view?usp=sharing)