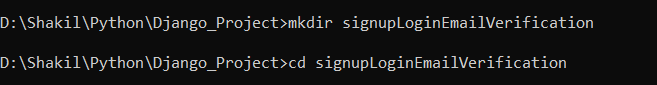
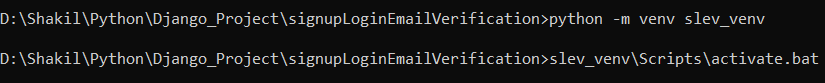
# **1. Installation and Settings**

* **Virtual environment setup**

1. mkdir signupLoginEmailVerification [folder create]
2. cd signupLoginEmailVerification [enter into the folder]
3. python -m venv slev\_venv [create environment]
4. slev\_venv\Scripts\activate.bat [activate]



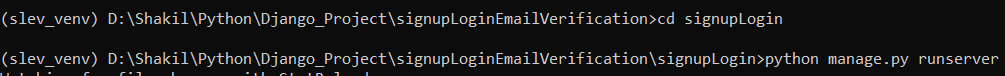


1. cd..\ [one foldr back] and cd ..\..\ [two folder back]

* **Django install, create and run project**

1. pip install Django
2. django-admin startproject signupLogin
3. python manage.py runserver





* **Create app**

1. python manage.py startapp accounts



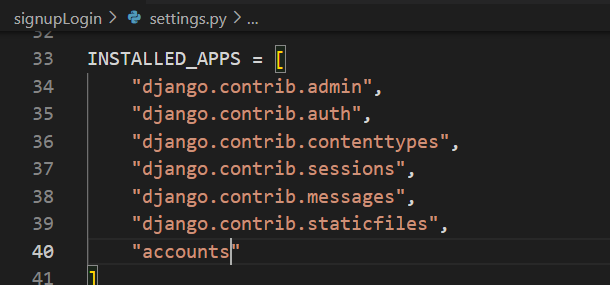
* **Open in VS Code**

1. Root folder> code .



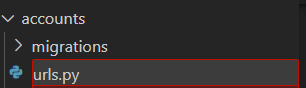
* **Put app name[accounts] in project [settings.py]**

1. Installed\_apps = [“accounts”]

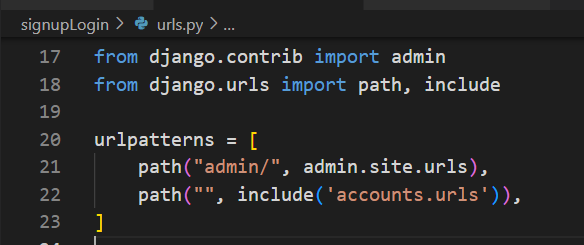
****

* **Create urls.py and include**

1. Create urls.py in app folder[accounts]

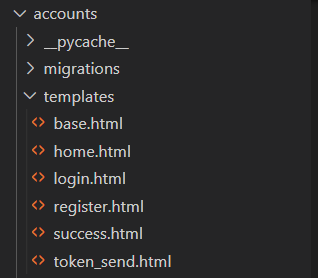


1. Include created url in project folder[signupLogin]
2. include('accounts.urls')

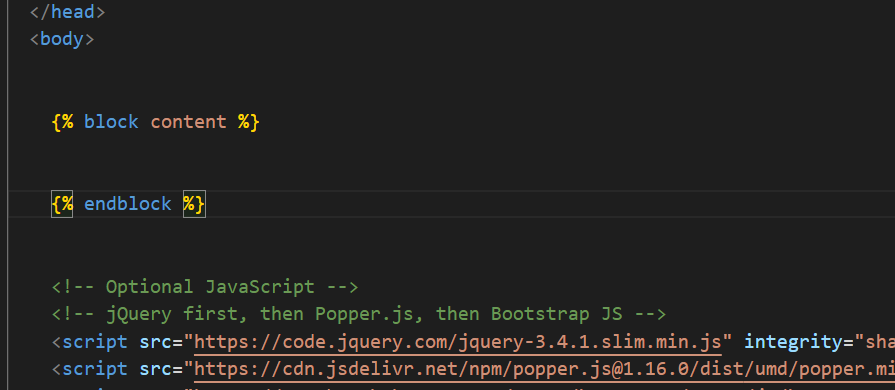


# **2. Templates, path Create, Function Definition**

* **Templates Create**
  1. Create templates folder and files in app folder[accounts]



* 1. Base.html file {% block content %} {% endblock %}

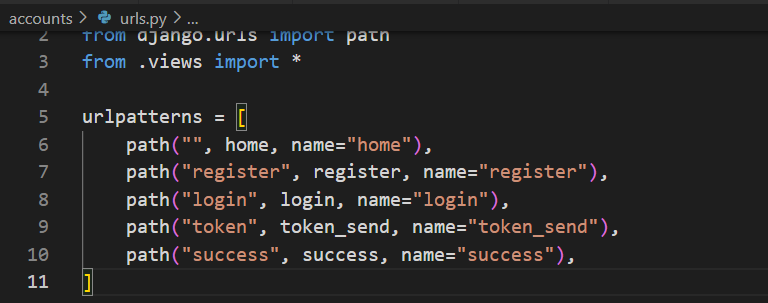


* 1. Other html file



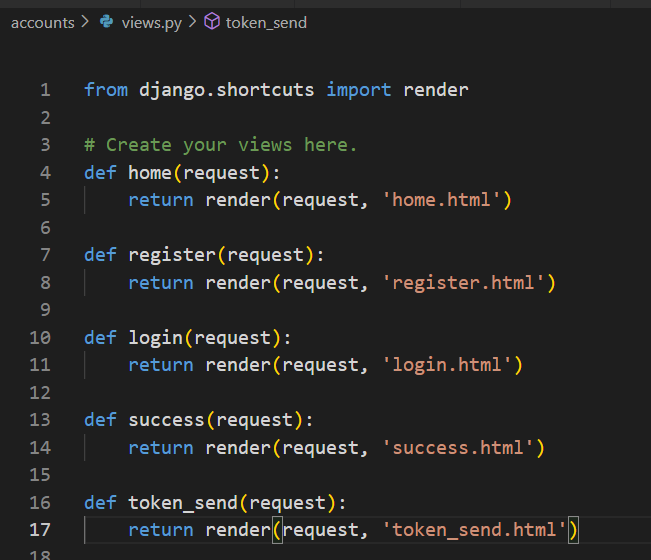
* **Path Create**

1. Imports [ from .views import \* ]



* **Function Create**

1. Views.py

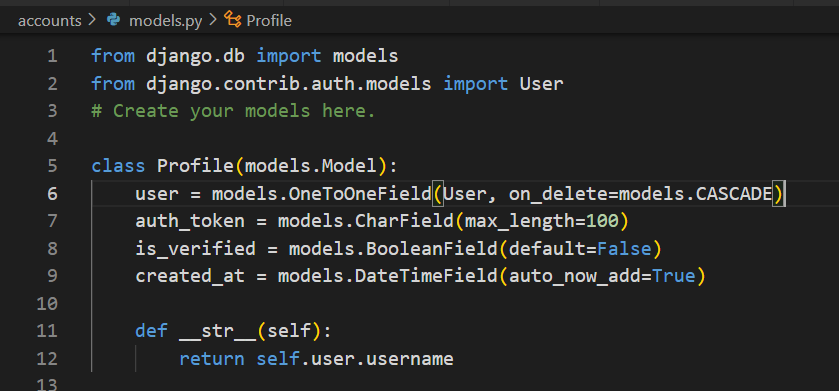


# **3. Models Create [Profile]**

## Create Model and add data in table

* Create Models[notes]:

1. from django.contrib.auth.models import User
2. On\_delete=models.cascade [if parent table user is removed then child table user is automatically removed]



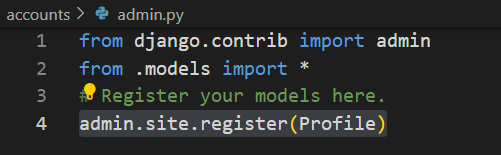
* Migrations:

1. Python manage.py makemigrations
2. Python manage.py migrate

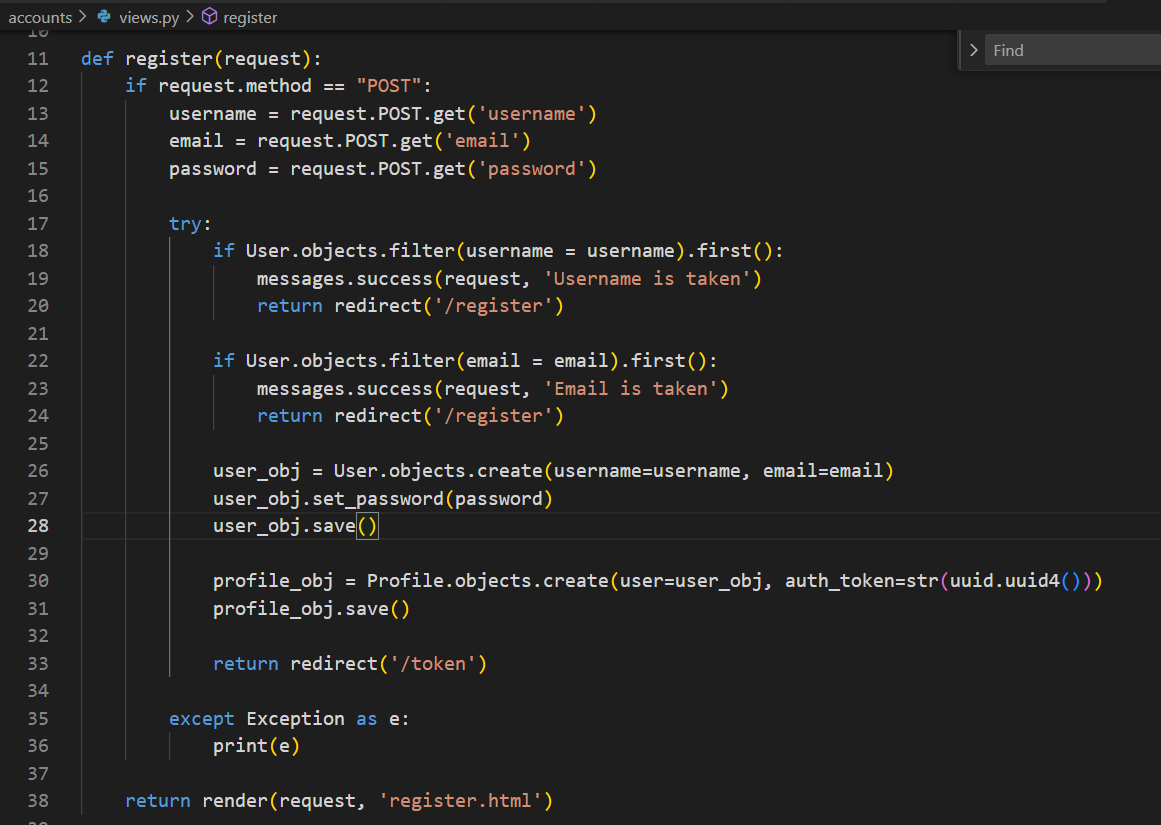
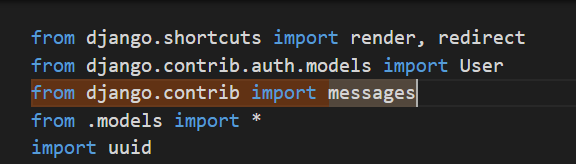
* Create super user:

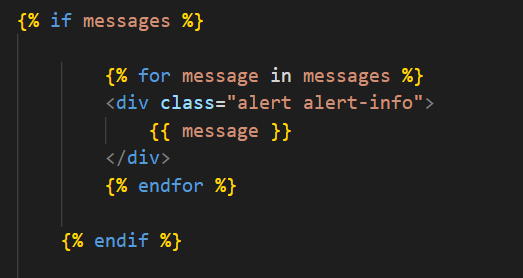
1. Python manage.py createsuperuser
2. Shakil\_developer pass: dev665580

* Add Model admin.py:
  1. admin.site.register(Profile)

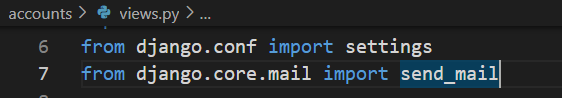
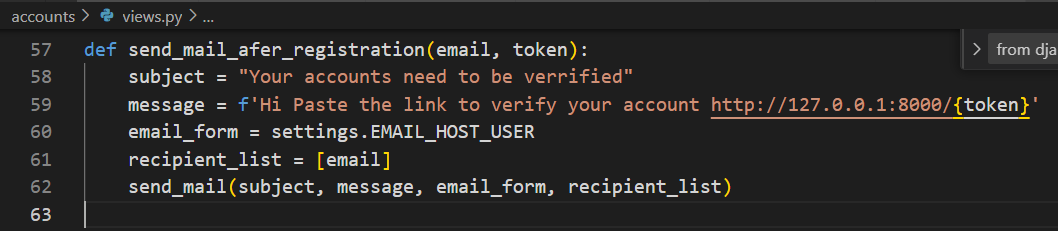
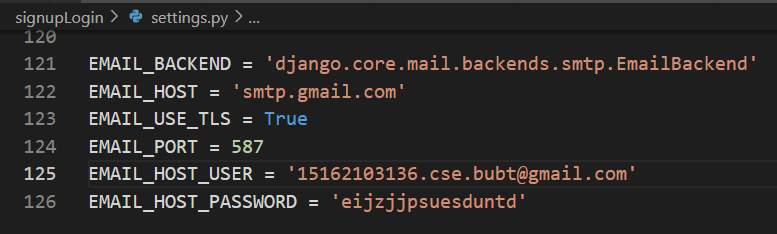
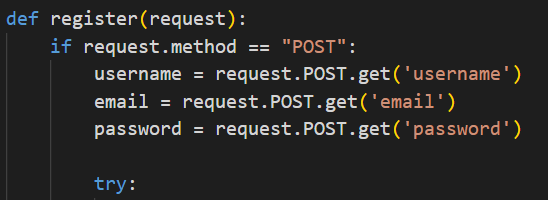
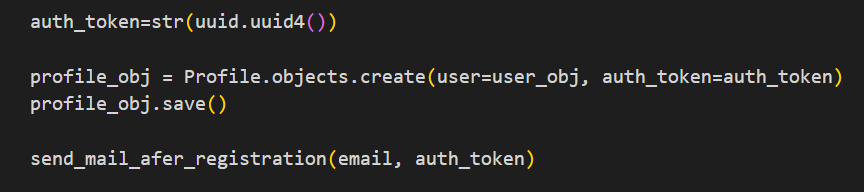


## Registration

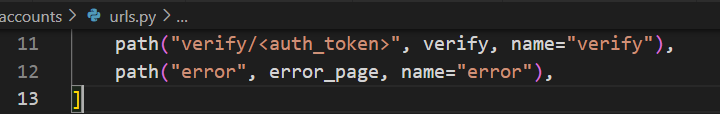
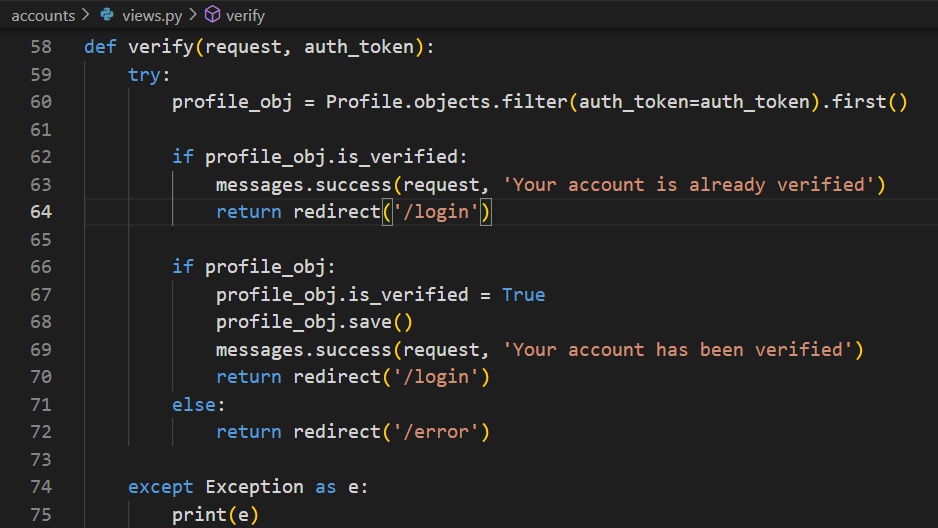
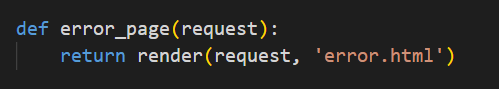
* update register functions:
  1. import uuid for unique identifier token generate
  2. import messages, User, Model
  3. 
* Update html File register.html



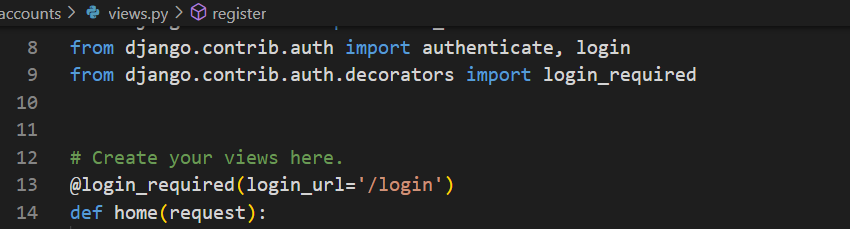
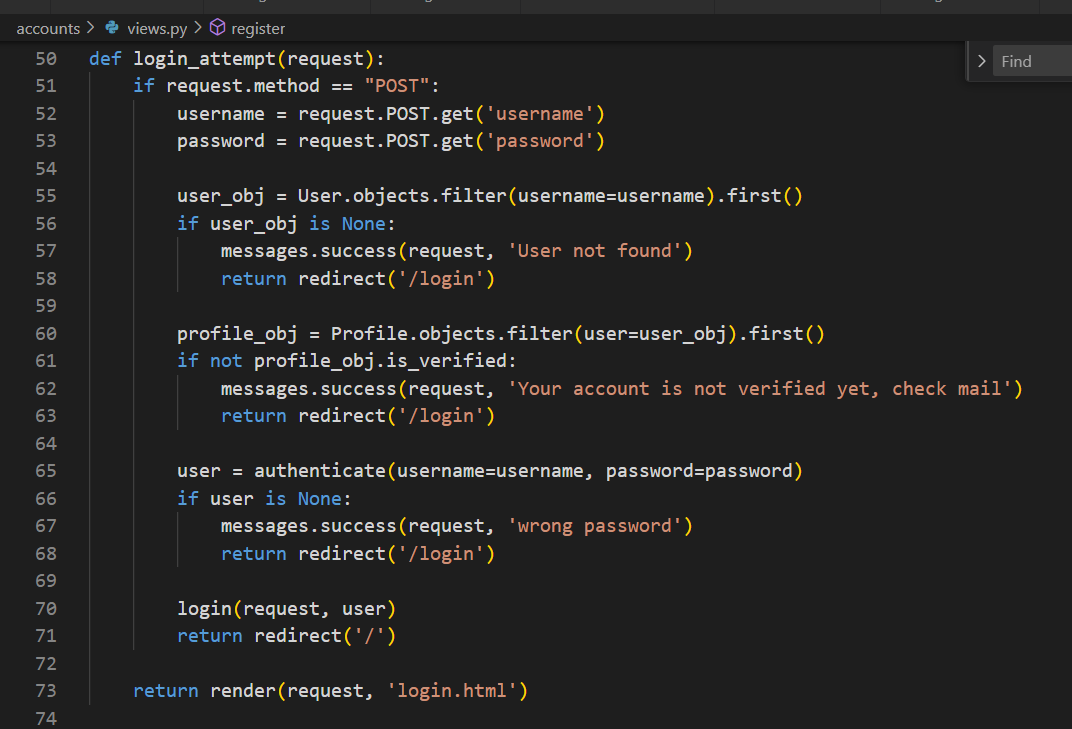
## Send Mail

* update views.py:
  1. import
  2. 
  3. Create function in views.py
  4. 
  5. Mail Settings into settings.py[app password set EMAIL\_HOST\_PASSWORD = 'eijzjjpsuesduntd']
  6. 
  7. Call the function in register function
  8. 
  9. 

## Email Verification

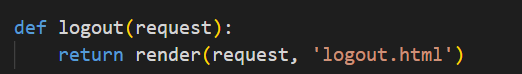
* Create path in urls.py
  1. Path verify with token
  2. 
  3. Verify Function
  4. 
  5. Eror function
  6. 

## Login

* Login Required
  1. Import from django.contrib.auth.decorators import login\_required
* Login Function
  1. Import [ from django.contrib.auth import authenticate, login]
  2. 

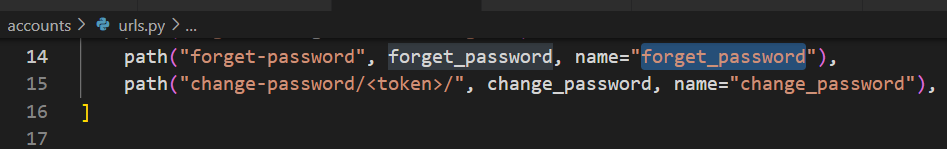
## Logout

* Logout Function

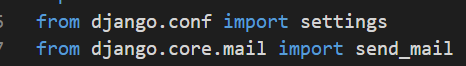
1. 

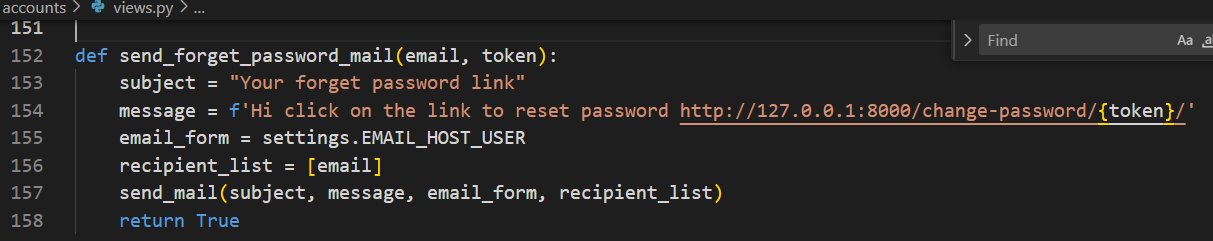
## Forget Password

* Path Create



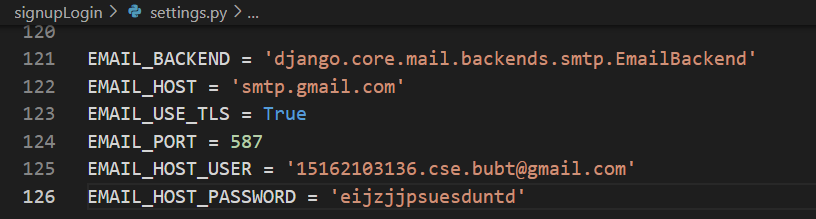
* A function send\_forget\_password\_mail Create

1. Import
2. 



* Include Mail Settings

1. EMAIL\_HOST\_USER = '15162103136.cse.bubt@gmail.com'
2. EMAIL\_HOST\_PASSWORD = 'eijzjjpsuesduntd'



## Change Password Funtion

* Path Create

