**1-create new repository called chat in github**

**2-python –m venv venv**

**3- venv\Scripts\activate**

**4-pip install django**

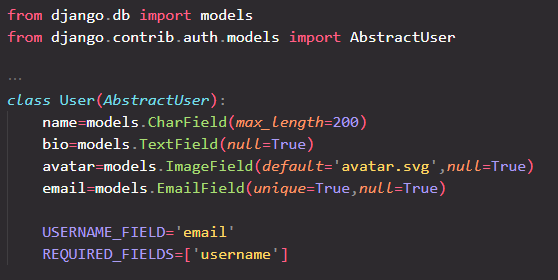
**5-django-admin startprojet studybud .**

**6-python manage.py startapp base**

**7-add base app to installed\_apps in settings.py**

**8-pip install pillow**

**9-models.py:**

****

**10-settings.py:**

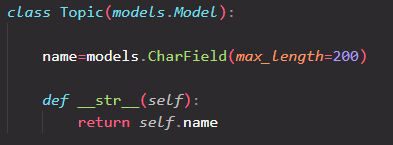
****

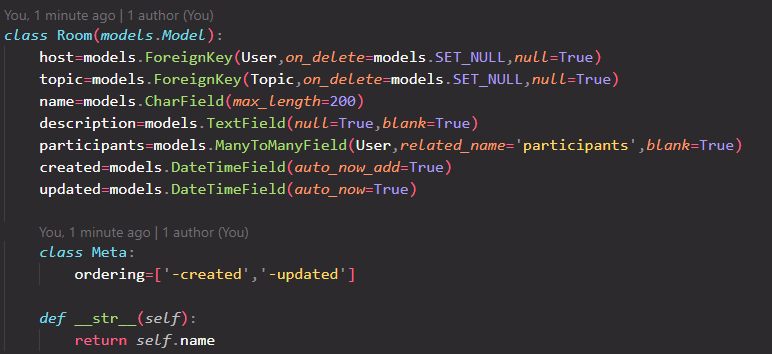
**11-python manage.py makemigrations**

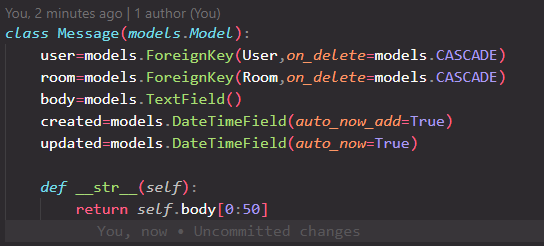
**12-python manage.py migrate**

**13-python manage.py createsuperuser**

**14-models.py:**

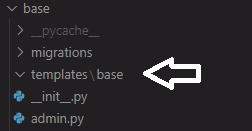
****

****

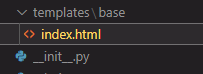
****

**15-makemigration and migrate.**

**16-create template folder insie base app and create base folder inside it:**

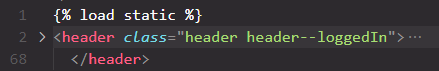
****

**17-move index.html file from Requirements folder inside templates/base folder:**

****

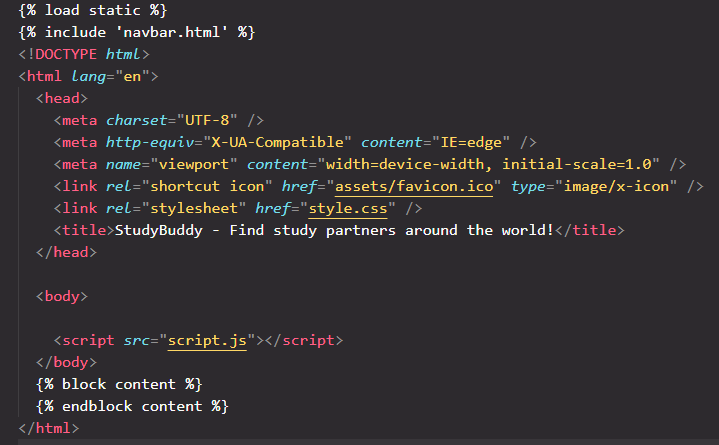
**18-navbar.html**

**Inside templates folder and just cust header section from index.html and paste it inside it:**

****

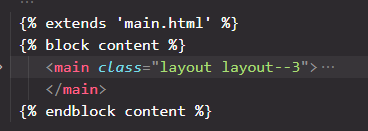
**19-main.html:**

**Create inside template folder and it contains head section and empty body and script:**

****

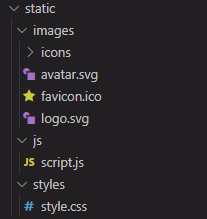
**20-index.html:**

**Just keep main section:**

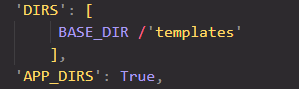
****

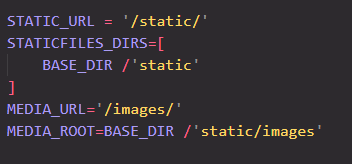
**21-create static folder in the root and create styles,js,images folder inside it:**

**22-copy style.css file from Requirements folder inside styles folder.then copy script.js file from same where to js folder and copy images and icons from Requirements/assets to images folder:**

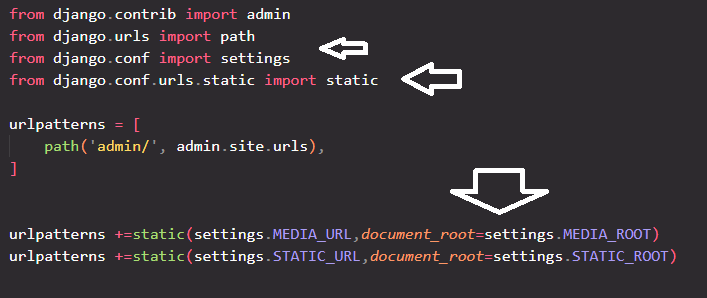
****

**23-settings.py:**

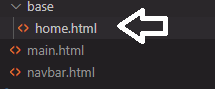
****

****

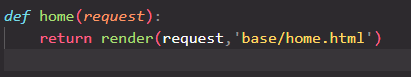
**24-urls.py project:**

****

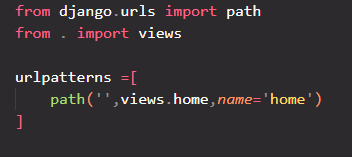
**25-rename index.html to home.html:**

****

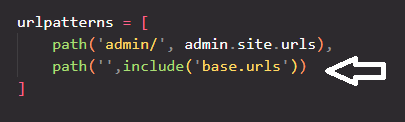
**26-views.py base app:**

****

**27-create urls.py file inside base app:**

****

**28-urls.py project:**

****

**29-navabr.html:**

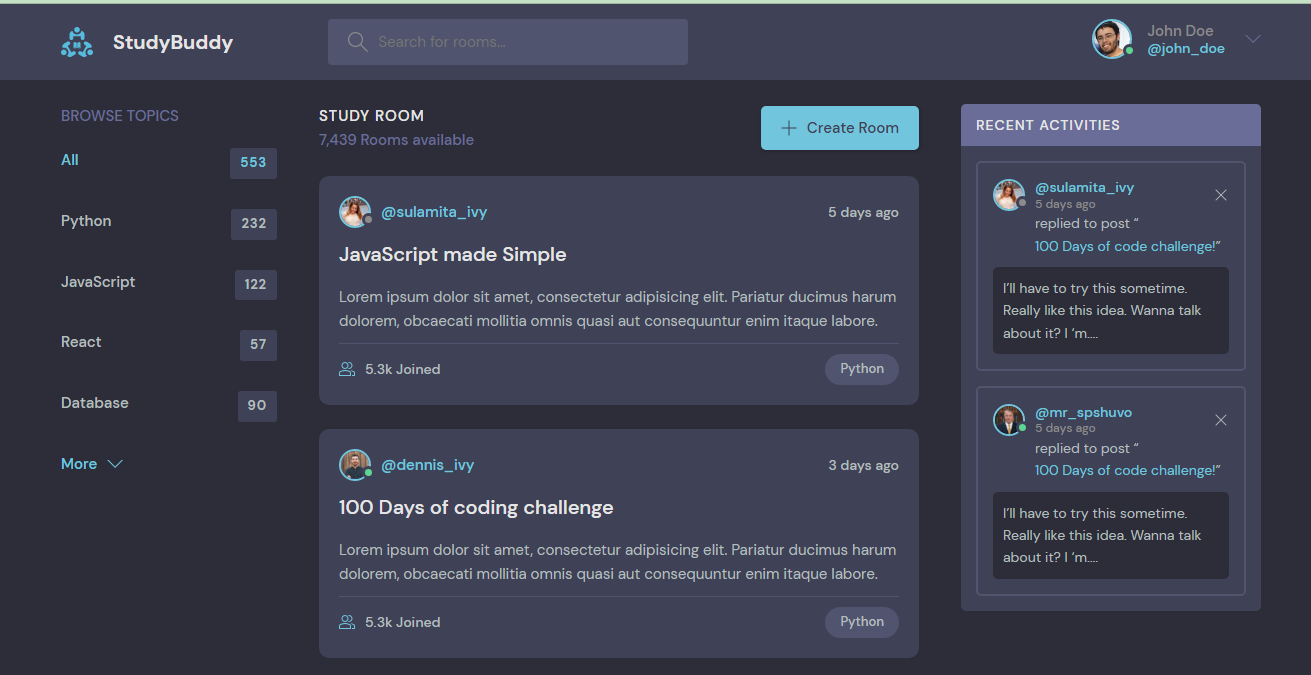
****

**30-main.html:**

****

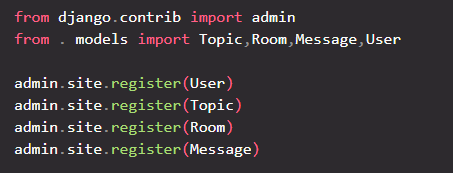
****

**Result:**

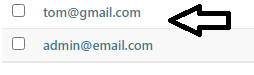
****

**Everything is good and home.html loads with its css styles correctly.**

**31-admin.py:**

****

**32-create another superuser called tomy:**

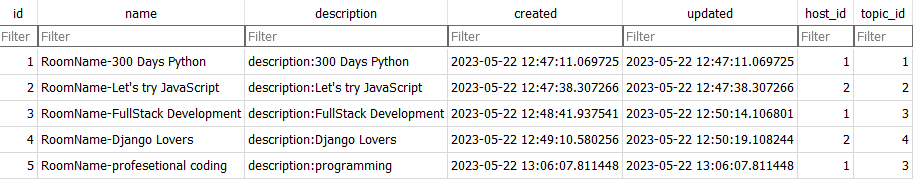
****

**33-create some topics:**

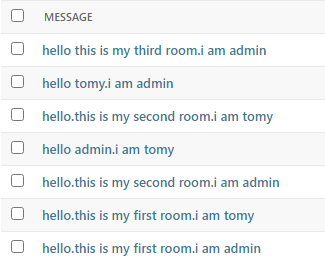
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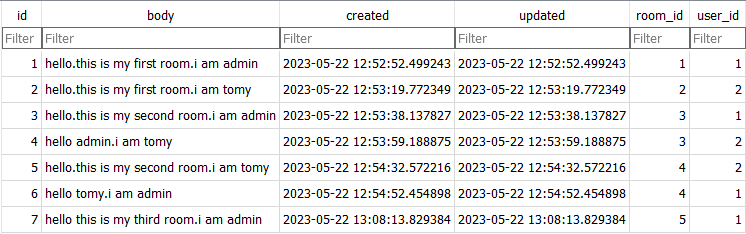
**34-create some rooms:**

****

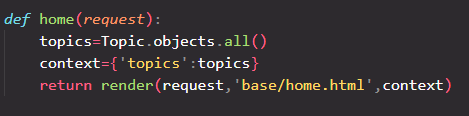
****

**35-create some messages:**

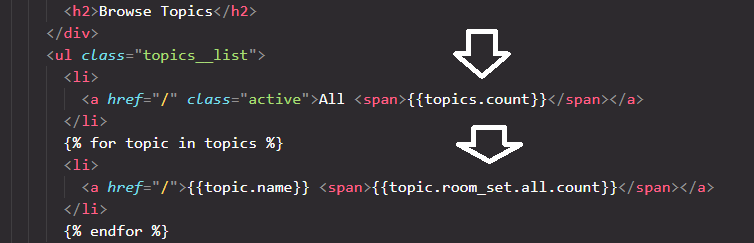
****

****

**36-view.py:**

****

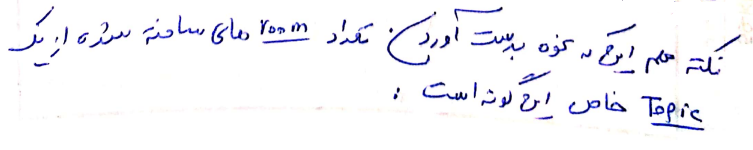
**37-home.html:**

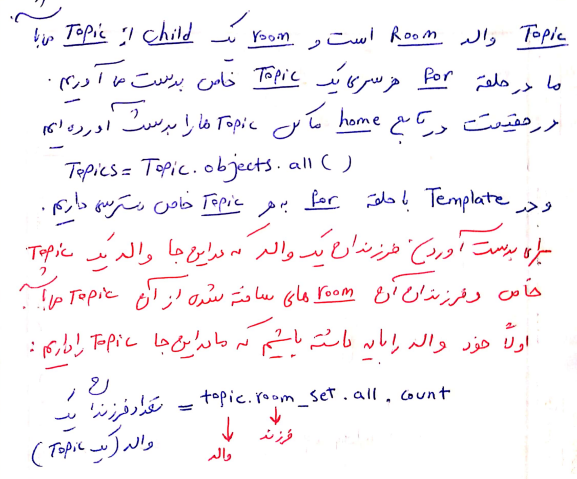
****

**Result:**

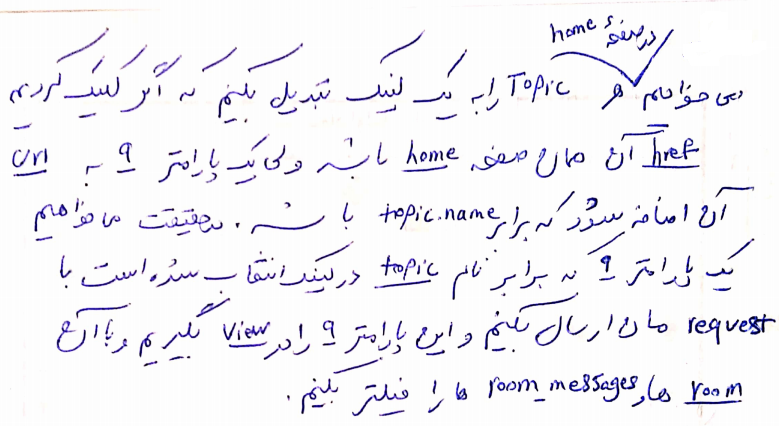
****

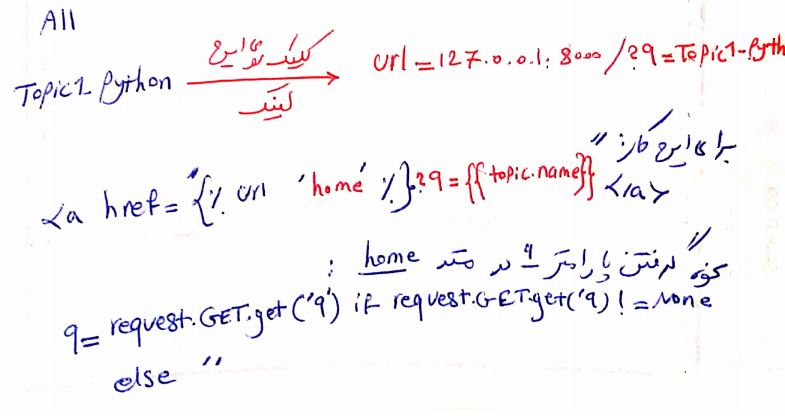
**I have created 4 topics and 5 rooms.for topic-1 and topic-2 and topic-4 I have created 1 room and for topic-3 I have created 2 rooms.so All must be 4 because I have 4 topics.**

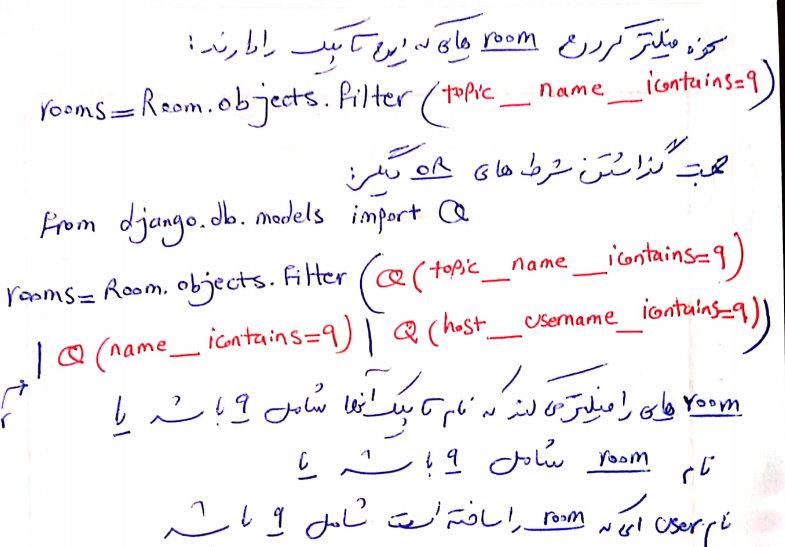
****

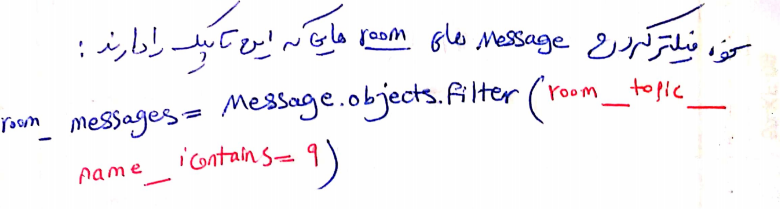
****

**38-topic filtering:**

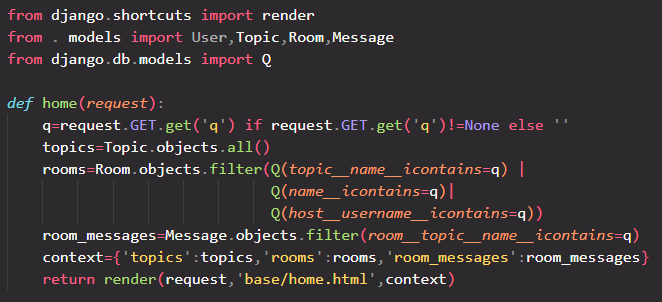
****

****

****

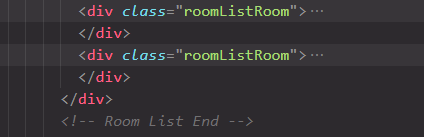
****

**39-views.py:**

****

**40-index.html**

**We remove one of two:**

****

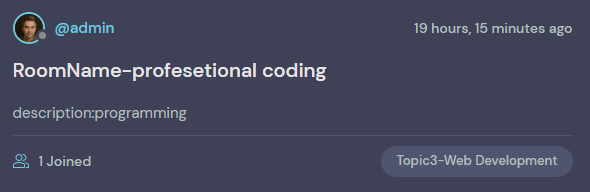
**Then we update this.for image:**

****

**for joined people to one room:**

****

**Result:**

****

**41-recent activities:home.html:**

****

**for:**

****

**Image:**

****

**And other things are very simple.result:**

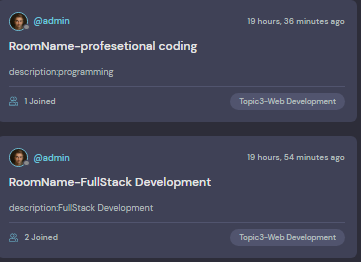
****

**And our topic filter works fine.for example filter for Topic3-Web Development:**

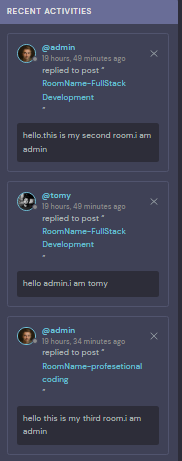
**url:**

****

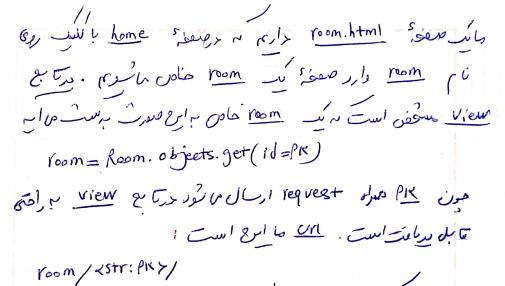
**Filterd rooms:**

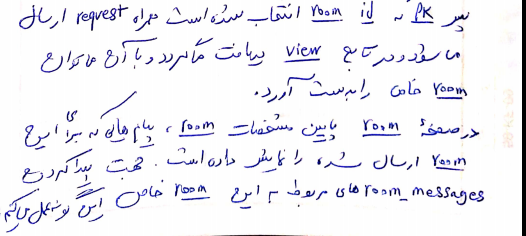
****

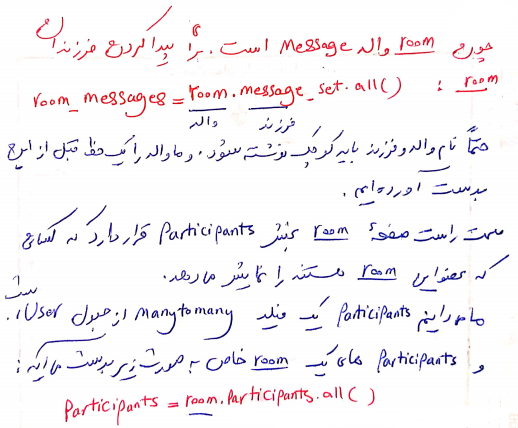
**Filtered recent activities:**

****

**42-room.html**

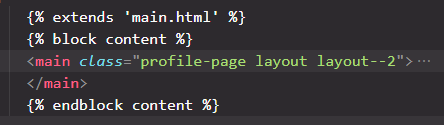
****

****

****

**Copy room.html from Requirements folder to templates/base folder.**

**room.html:**

****