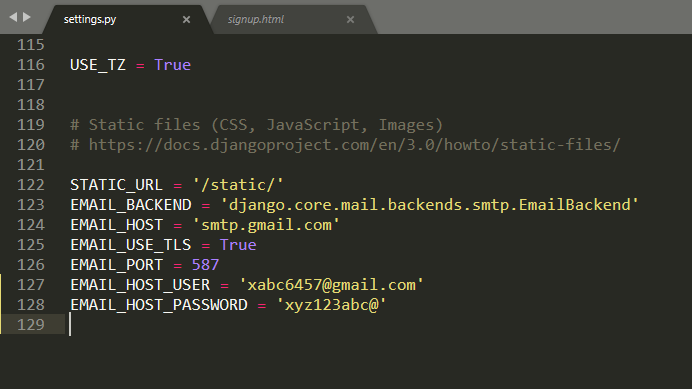
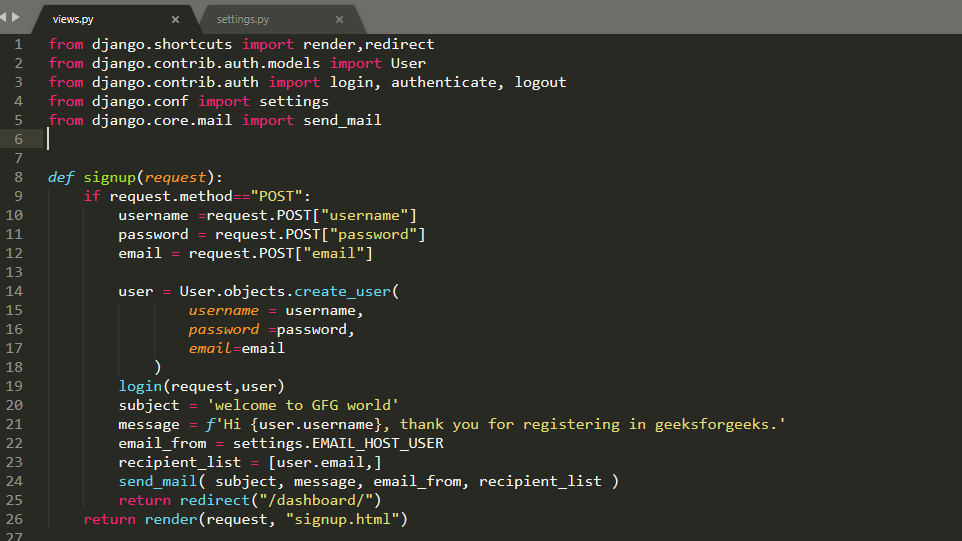
**Setup Sending Email in Django Project**

**settings.py** file, enter the following,

* Python3

|  |
| --- |
| EMAIL\_BACKEND **=** 'django.core.mail.backends.smtp.EmailBackend'  EMAIL\_HOST **=** 'smtp.gmail.com'  EMAIL\_USE\_TLS **=** True  EMAIL\_PORT **=** 587  EMAIL\_HOST\_USER **=** #sender's email-id  EMAIL\_HOST\_PASSWORD **=** #password associated with above email-id |

In the above code, EMAIL\_HOST\_USER = ‘xabc6457@gmail.com’ and EMAIL\_HOST\_PASSWORD = ‘xyz123abc@’ are the lines where you need to add the sender’s mail id and password. xabc6457@gmail.com and xyz123abc@ are just examples. Now to use this in our application, move to **views.py** and add these lines at the top section as below. 

* Python3

|  |
| --- |
| **from** django.conf **import** settings  **from** django.core.mail **import** send\_mail |

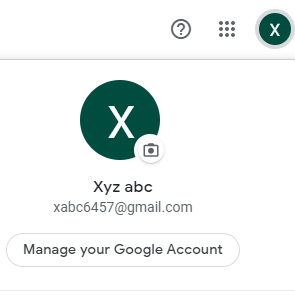
Generally, emails are sent to the users who signup right? So, in the signup view function, add these lines.

* Python3

|  |
| --- |
| subject **=** 'welcome to GFG world'  message **=** f'Hi {user.username}, thank you for registering in geeksforgeeks.'  email\_from **=** settings.EMAIL\_HOST\_USER  recipient\_list **=** [user.email, ]  send\_mail( subject, message, email\_from, recipient\_list ) |

Now we will understand what exactly is happening. Here,

* subject refers to the email subject.
* message refers to the email message, the body of the email.
* email\_from refers to the sender’s details.This takes the EMAIL\_HOST\_USER from settings.py file, where you added those lines of code earlier.
* recipient\_list is the list of recipients to whom the mail has to be sent that is, whoever registers to your application they receive the email.
* send\_mail is an inbuilt Django function that takes subject, message, email\_from, and recipient’s list as arguments, this is responsible to send emails.

After these extra lines of code has been added to your project, you can send emails now. But if you are using Gmail, then the first time you make these changes in your project and run, you might get **SMTP error**. To correct that- 1-Go to the Google account registered with the sender’s mail address and select *Manage your account* 

2-Go to *security* section at the left nav and scroll down. Look for ‘App password’.

3- Inside App password select the any of the option from dropdown and given name as per your wish.

4- Now you will see a code on your screen, copy the code.

5. Paste the code in settings.py where you have declared EMAIL\_HOST\_PASSWORD.

6.**Finally run the application.**Now, register any user to your application, and they will receive mail from the email account you had mentioned. run the application**.**