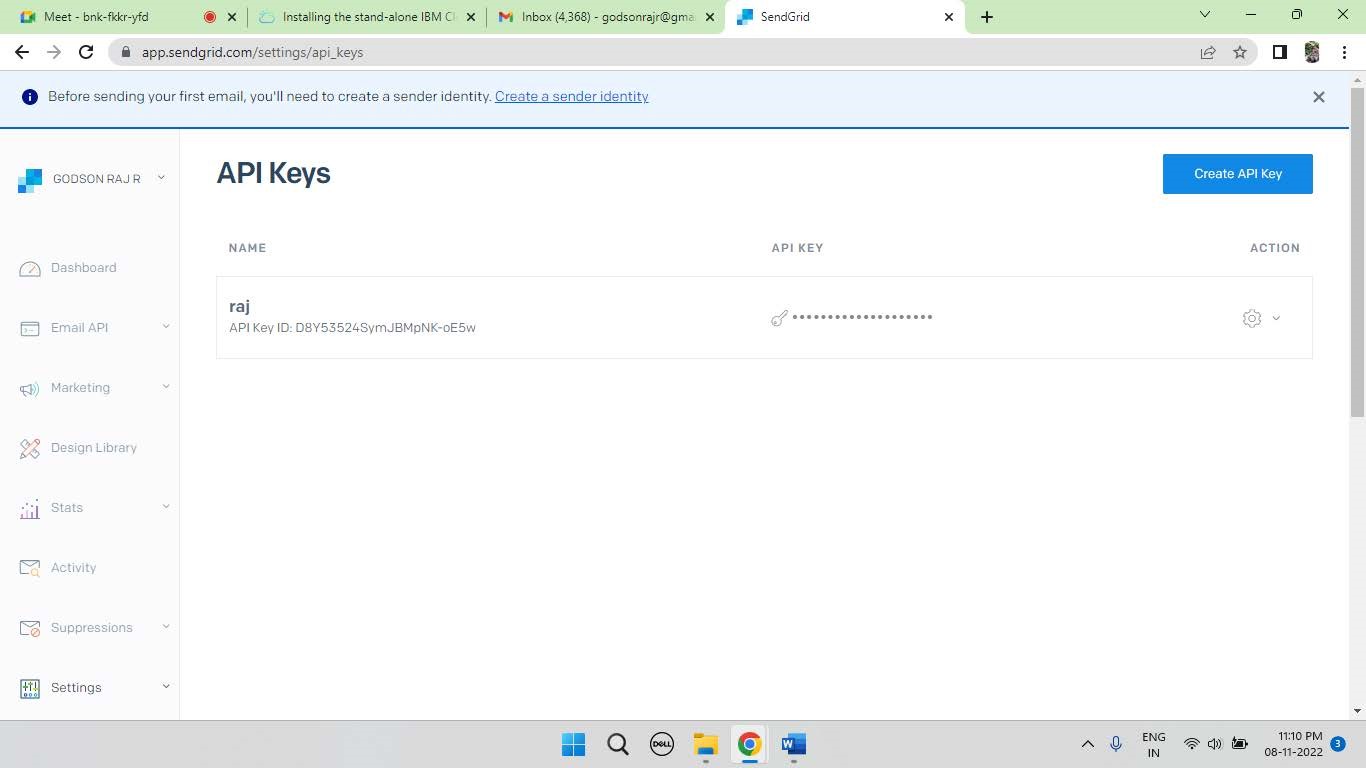
**Integrating SendGrid Service**

**SendGrid Integration With Python Code**

|  |  |
| --- | --- |
| Date | 08 November, 2022 |
| Team ID | PNT2022TMID19795 |
| Project Name | Plasma Donor Application |

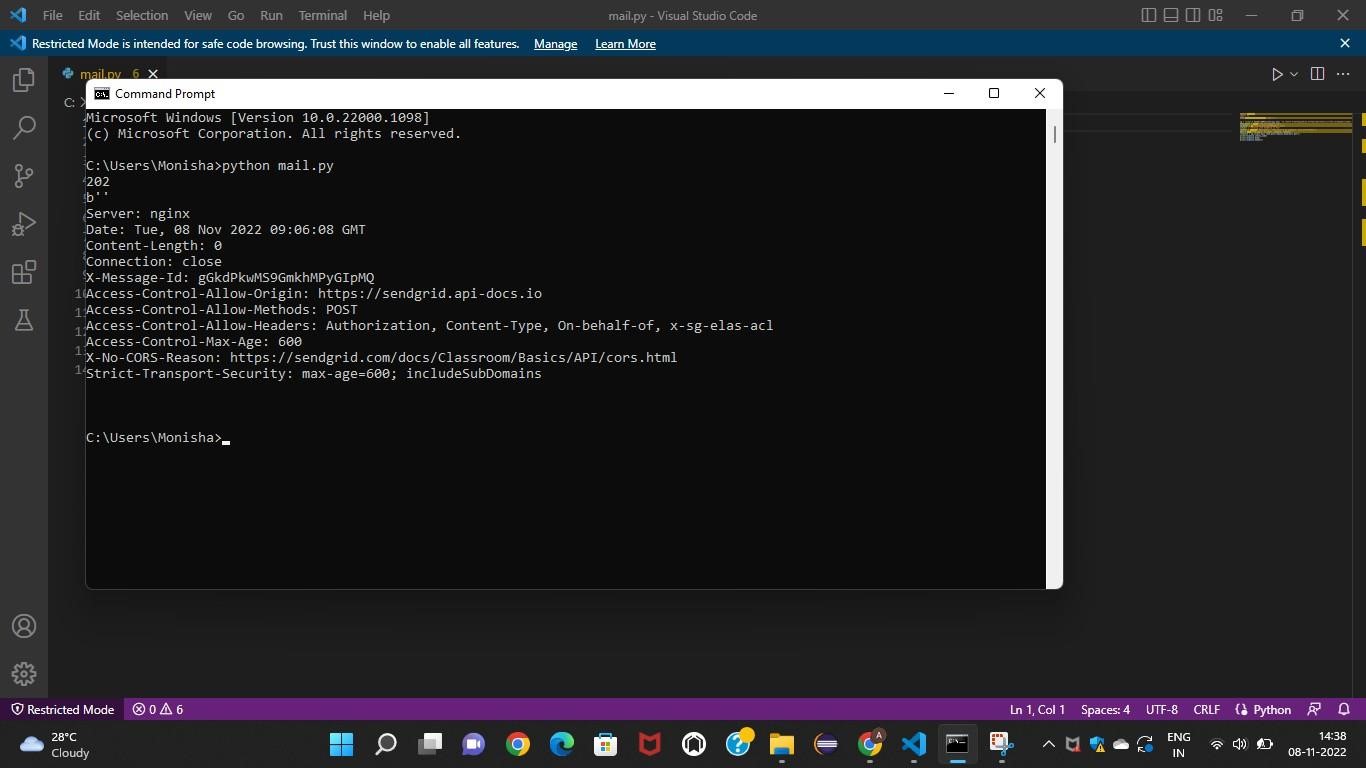
**Creating an API Key**



**Creating a Virtual Environment “Email Test” and creating mail.py file with the following code inside the virtual environment**

|  |
| --- |
| import sendgrid import os from sendgrid.helpers.mail import \*  sg = sendgrid.SendGridAPIClient(api\_key= 'SG.D8Y53524SymJBMpNK-oE5w.gYmzydatULV57ZVHv3W2zWIP56YzC5dyGtlfp8K\_nbA' ) from\_email = Email("BATHRINARAYAN.R@gmail.com") to\_email = To("godsonrajr01@gmail.com") subject = "IBM project is in phase of final stage" content = Content("text/plain", "and easy to do anywhere, even with Python") mail = Mail(from\_email, to\_email, subject, content) response = sg.client.mail.send.post(request\_body=mail.get()) print(response.status\_code) print(response.body) print(response.headers) |

**Running the python file through the terminal**



**Test mail received via SendGrid**