

1. Place the FlaskURL folder on Desktop.
2. Open Command Prompt in windows.
3. Install required libraries in Python:
 - a. Pip install pipenv
 - b. Pip install --upgrade google-auth-oauthlib
4. [Create a Google Cloud project](#) that represents your installed app.
5. Go to the [API Credentials page](#) in the Google Cloud Console.
6. Fill out the required fields on the [OAuth consent screen](#).
7. On the [Credentials page](#), click the **Create credentials** button.
Choose **OAuth client ID**.
8. Select **Desktop** as the app type, and then click **Create**.
9. Download the credentials by clicking the **Download JSON** button.
10. Rename the downloaded file 'client_secret.json'.
11. Place the downloaded file in the folder 'FlaskURL'
12. Download and Install [Microsoft Visual Studio Code](#)
13. Go to the desktop where FlaskURL is placed.
14. Right click on the folder and click open with code.
15. From the left side of the window, open app.py
16. On line number 19, replace 'i170107@nu.edu.pk' with your email in quotation marks.
17. On line number 136, replace 'hanzalahimran9@gmail.com' with the address you want emails to be sent to in quotation marks.
18. On the top of Visual Studio code, click terminal and click new Terminal.
19. On the bottom of the screen, in the terminal window write:
 - a. pipenv shell
 - b. pipenv install flask
 - c. flask run --reload
20. Once done, Go to your browser and <http://127.0.0.1:5000/>

Currently the system only checks port number 80 and 443. If you want to add more ports to check, go to line number 94, add your ports to the line after adding commas

```
for port in [80,443,xx,xx,xx]:
```

If you want to check all the ports, just replace the line number 91 with

```
for port in range[1,1025]:
```