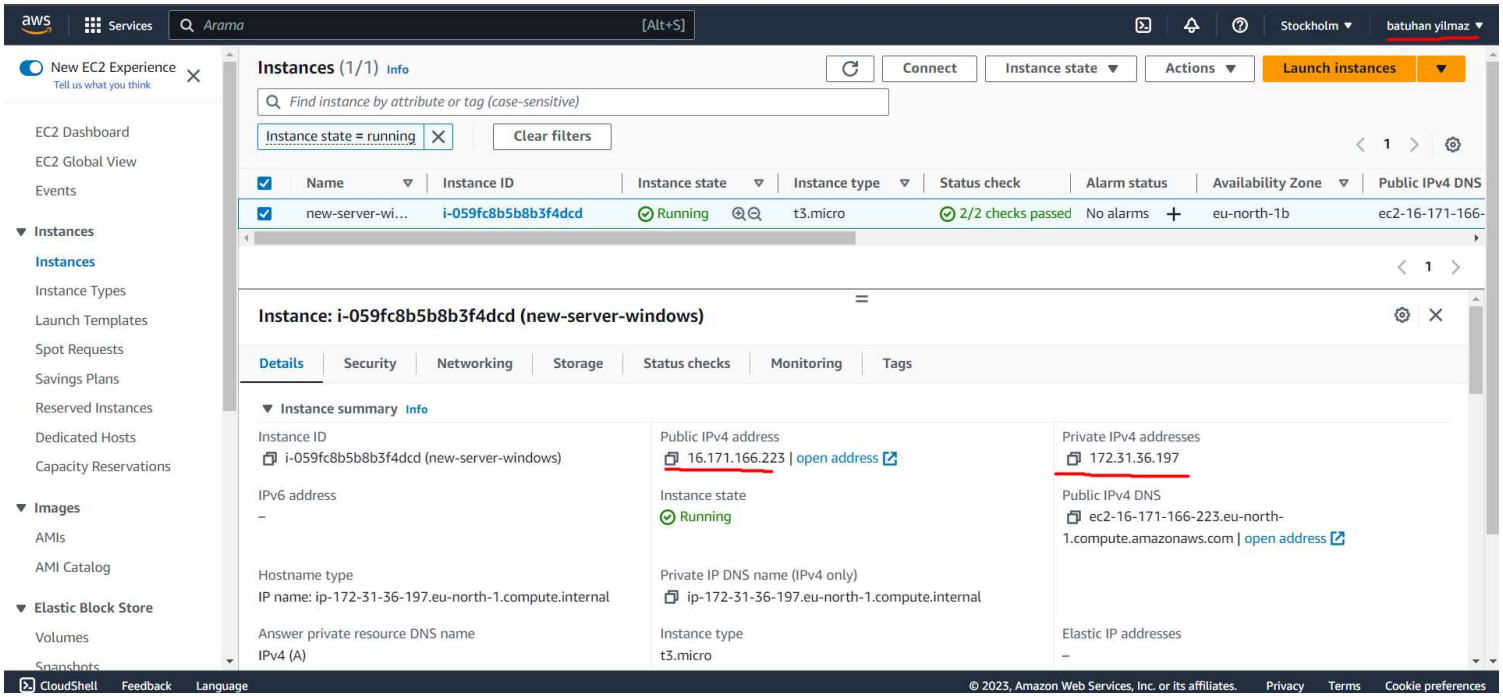
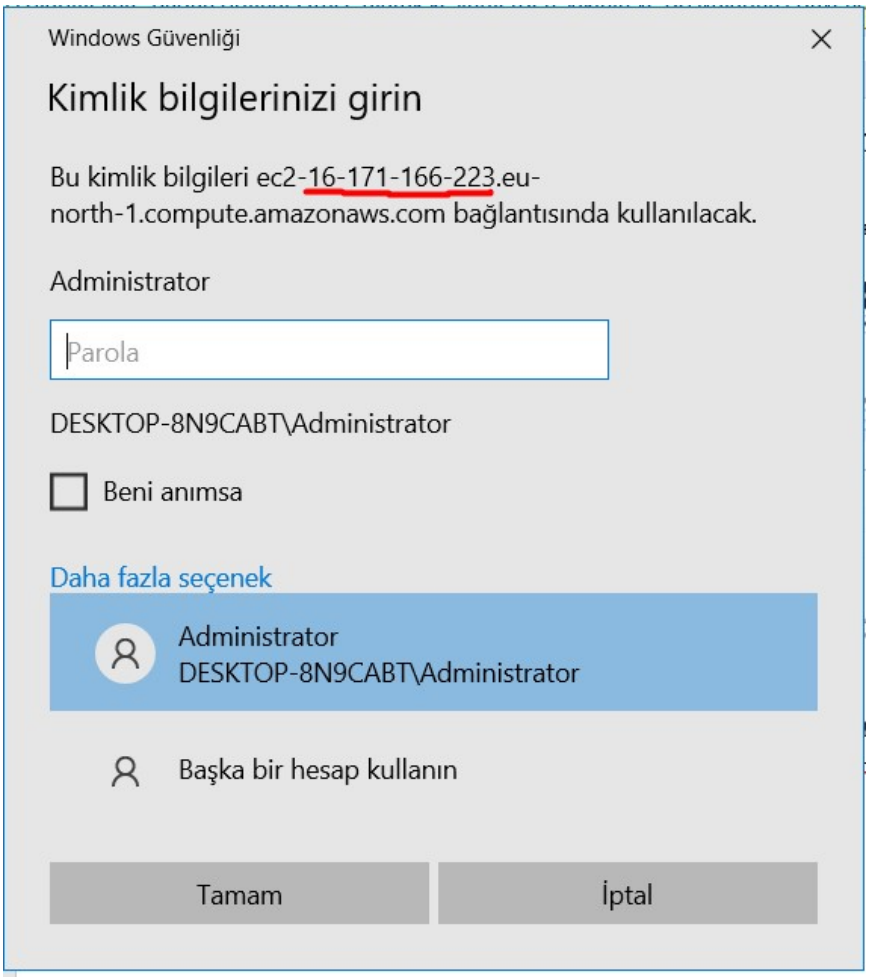
WEEK 5 DEPLOYMENT OF MODEL AND API TO THE CLOUD

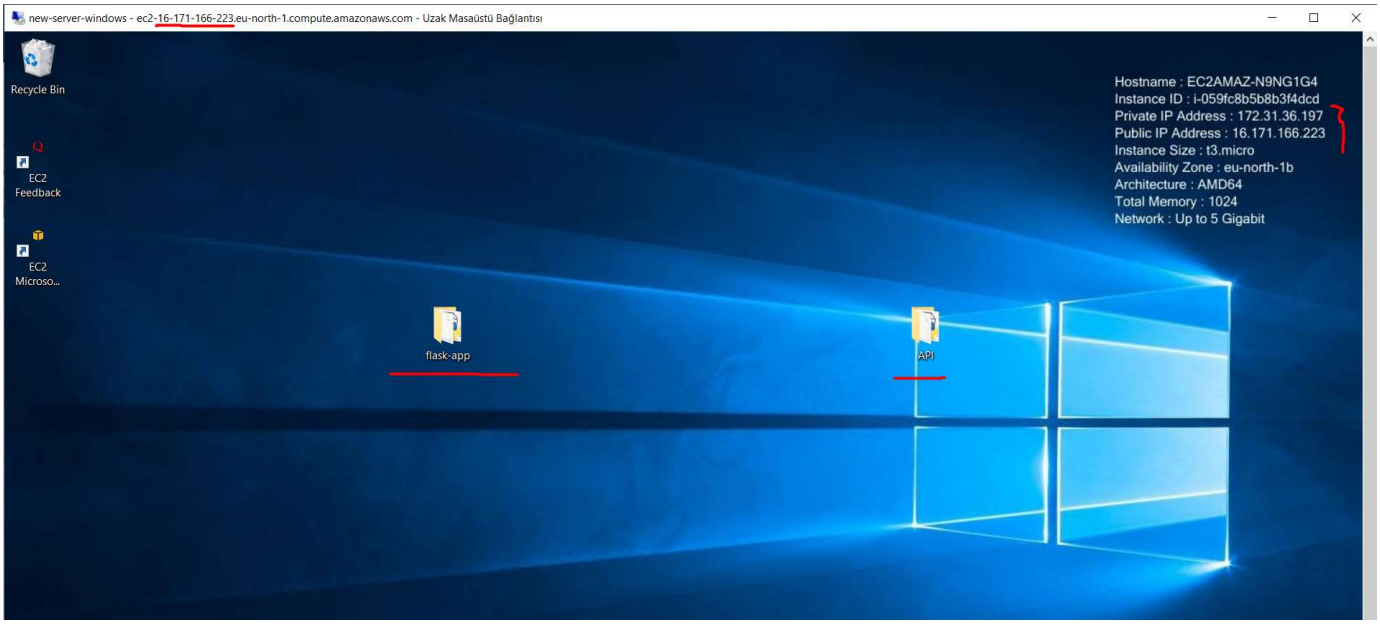
- A free account was created on AWS and a simple Windows AMI (Amazon Machine Image) was chosen for deployment.



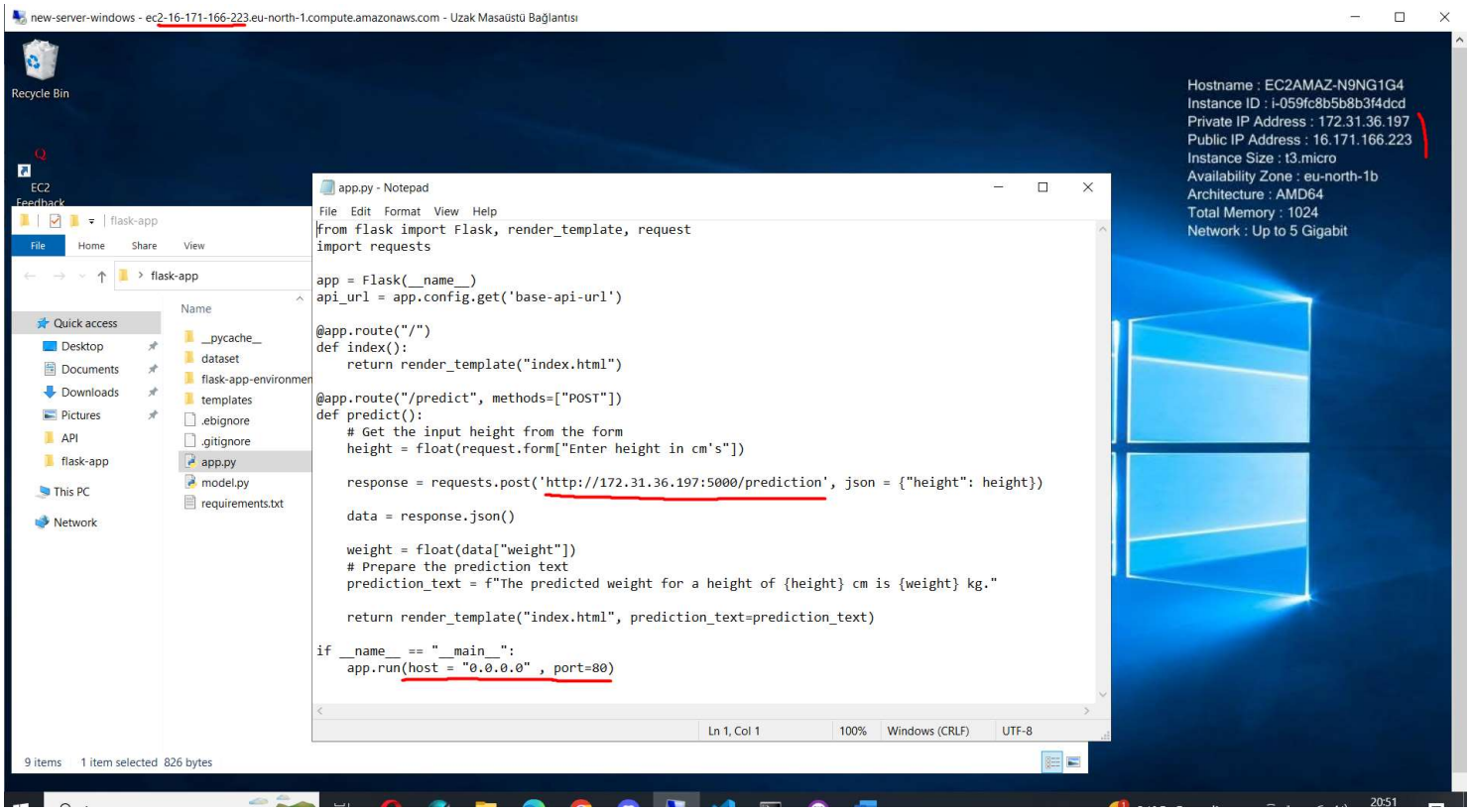
- Then, RDP (Remote Desktop File) Tool was downloaded for remote Access to the virtual machine (EC2 Instance).



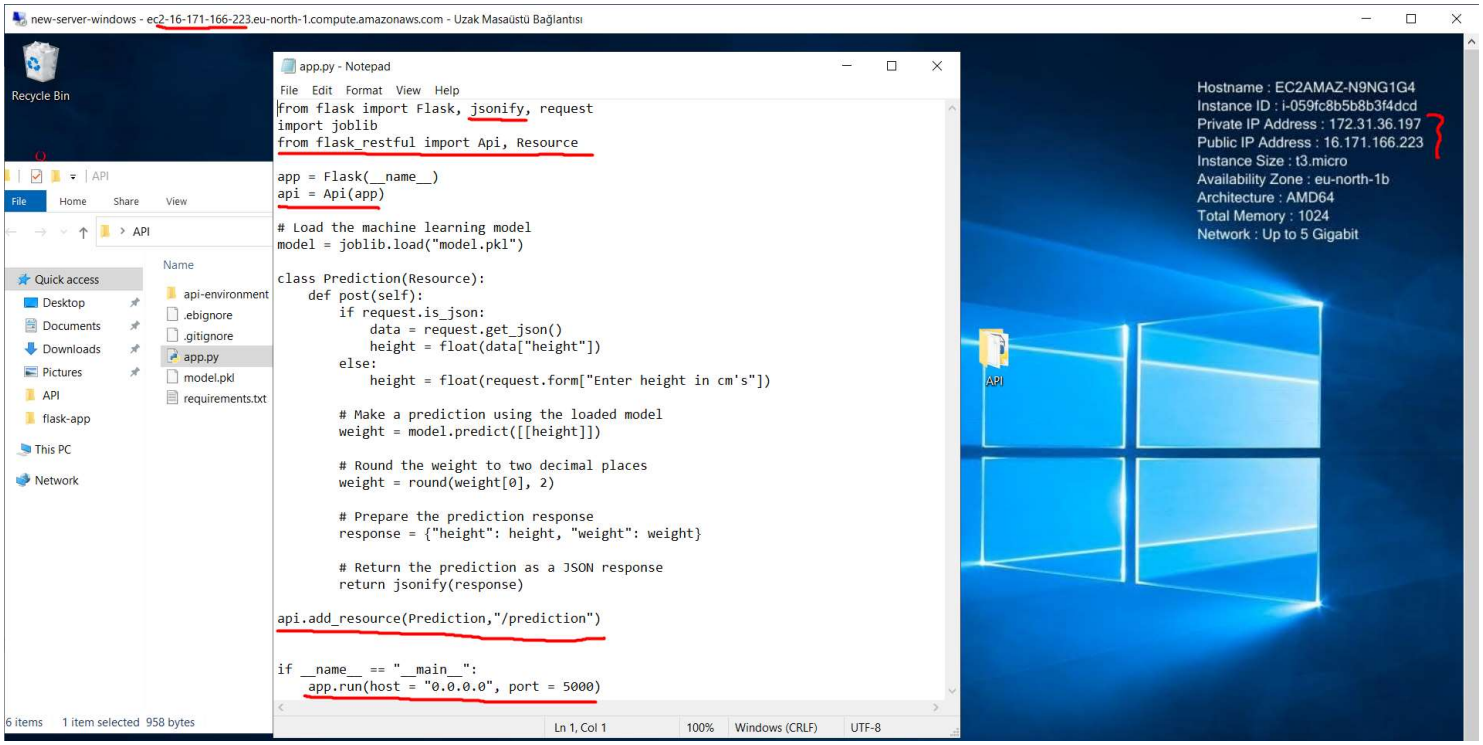
- After successfull Access to the remote computer, 2 different folders “flask-app” and “API” was created to keep the , respectively, web app and the api.



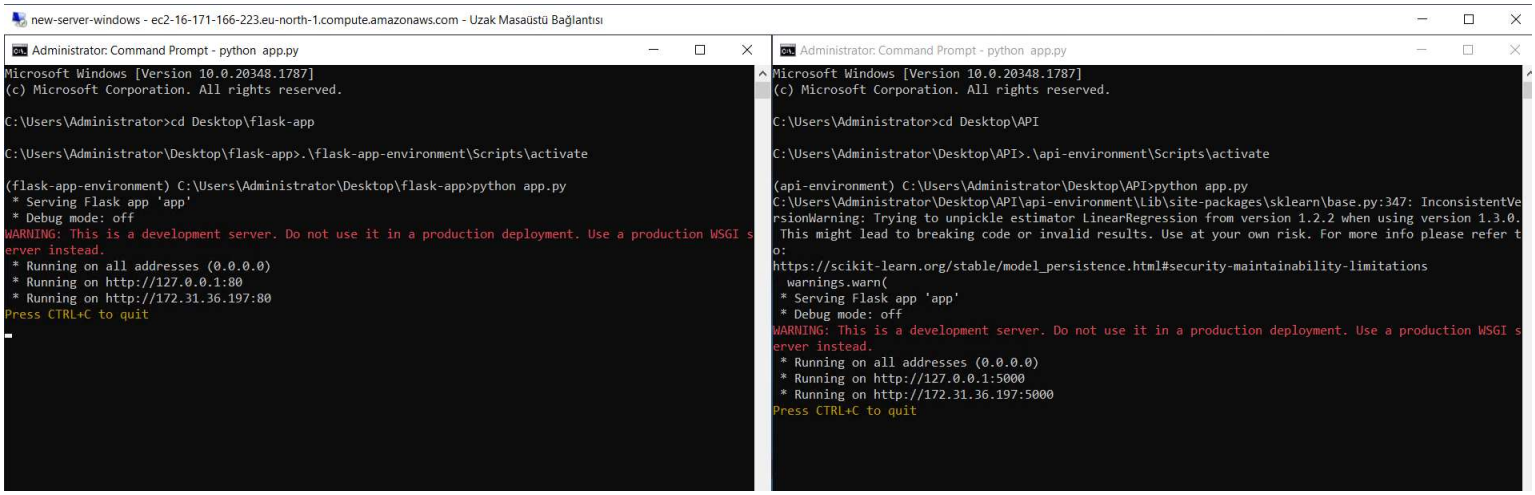
- After the creation of virtual environments, model prediction command and the model itself (model.pkl file) was seperated from this file and moved to the API file. Following changes for remote Access to the server was done (providing default way for host url and setting up the public IP for prediction of POST.)



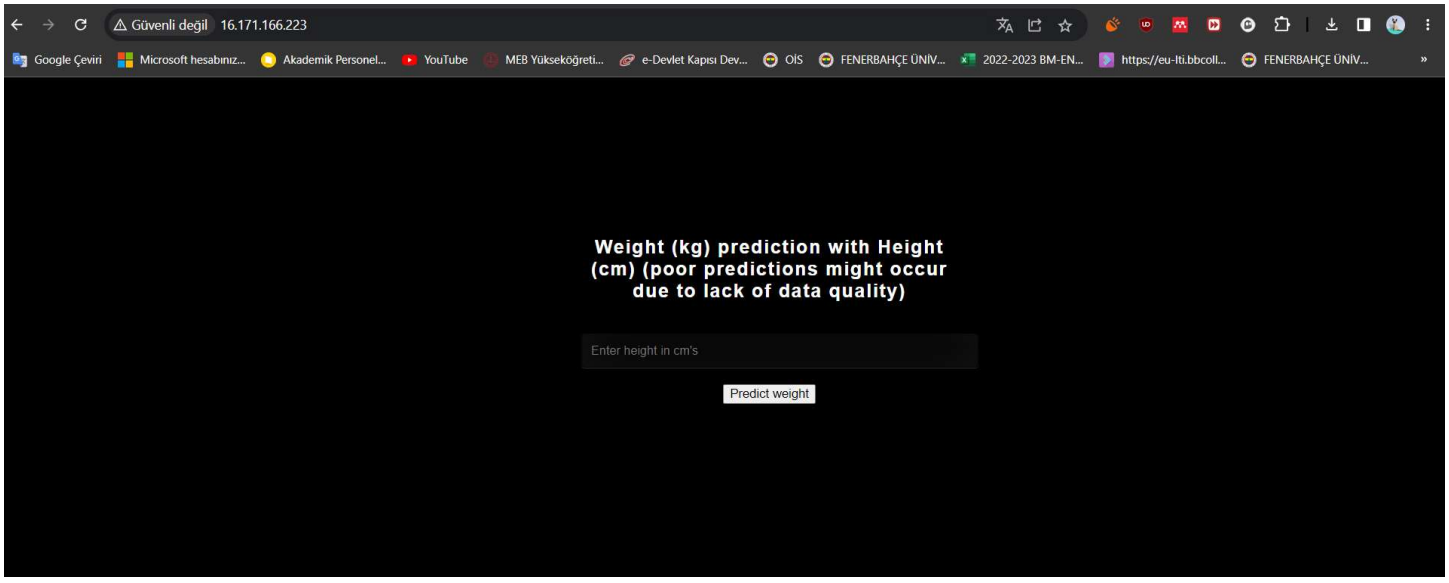
- In the API file, only the model and the code for making the prediction was held by setting up the API after downloading the Resource, API, flask_restful libraries:



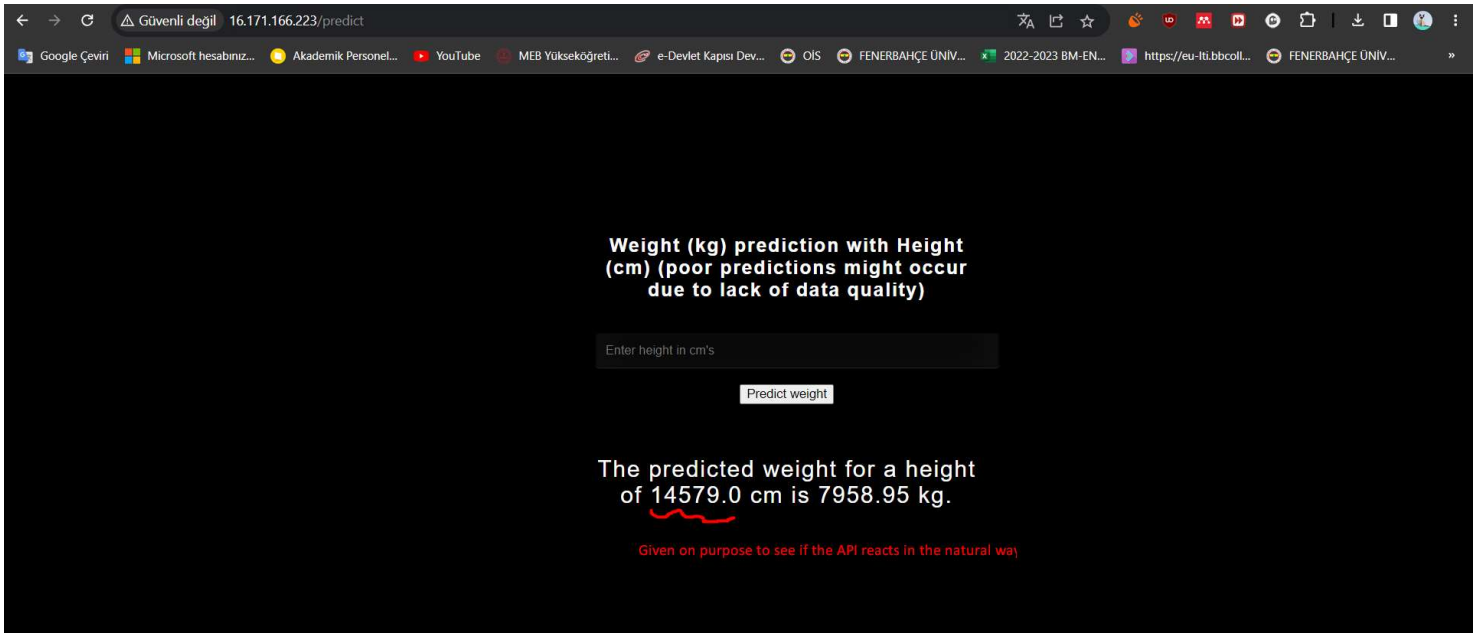
- Then, public IP Access was enabled from Windows firewall setting for third party users to be able to connect to it. Then, API and Flask App was run seperately as follow:



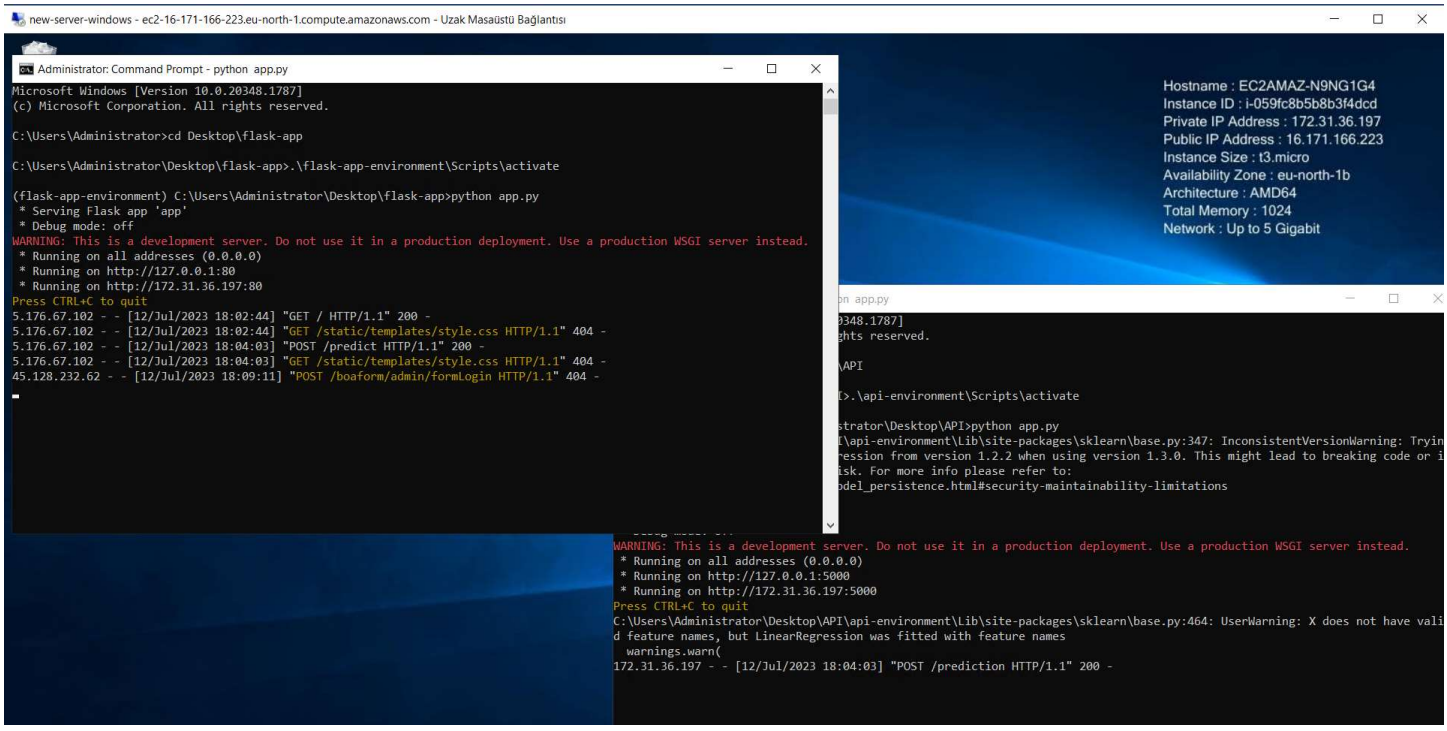
- Now, with a different computer, we are able to connect to public IP and Access the flask app and also the api ıtself for making predictions as follow:



- With predictions from remote server:



- Logs after a remote usage of the app.



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