

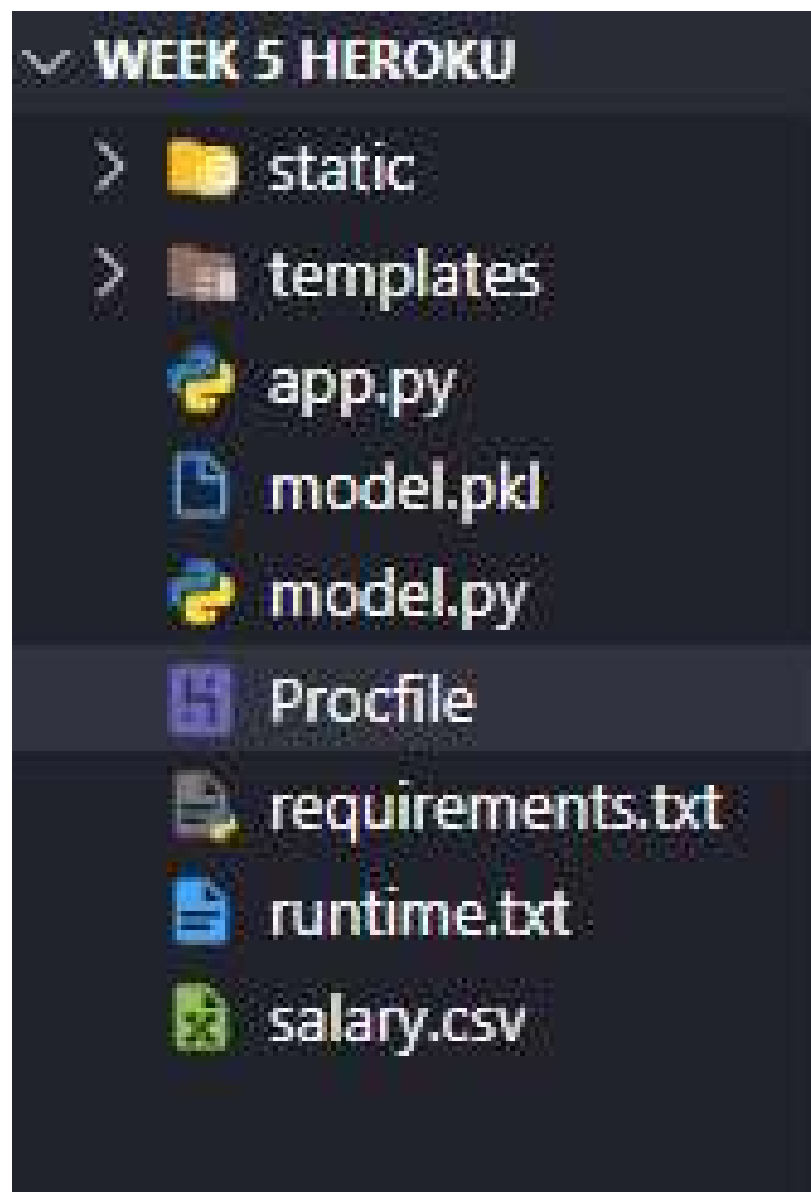
Title: ML Heroku Deployment using GIT

Batch Code: LISUM11

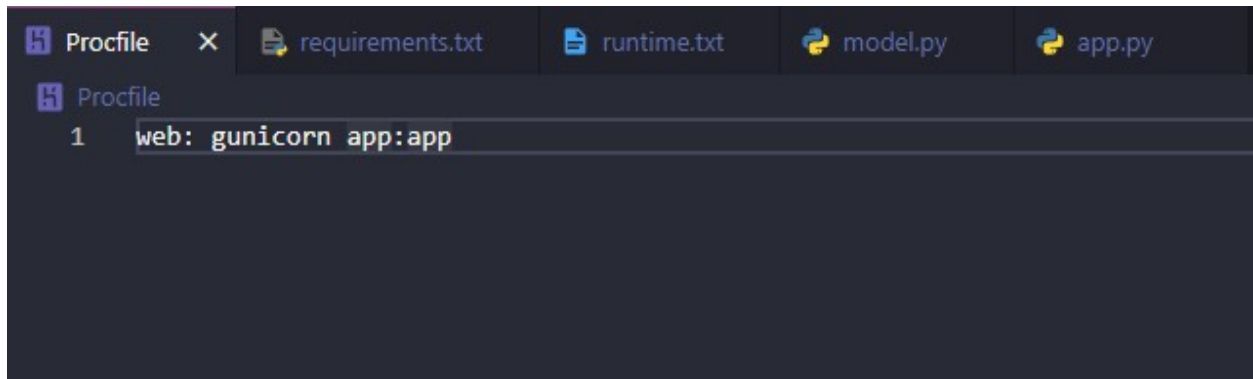
Date: 08/05/2022

Submitted to: GitHub

Step 1: Use previous flask application and insert two new files, Procfile and requirements.txt



Step 2: Make Procfile not a specific type, and type this.

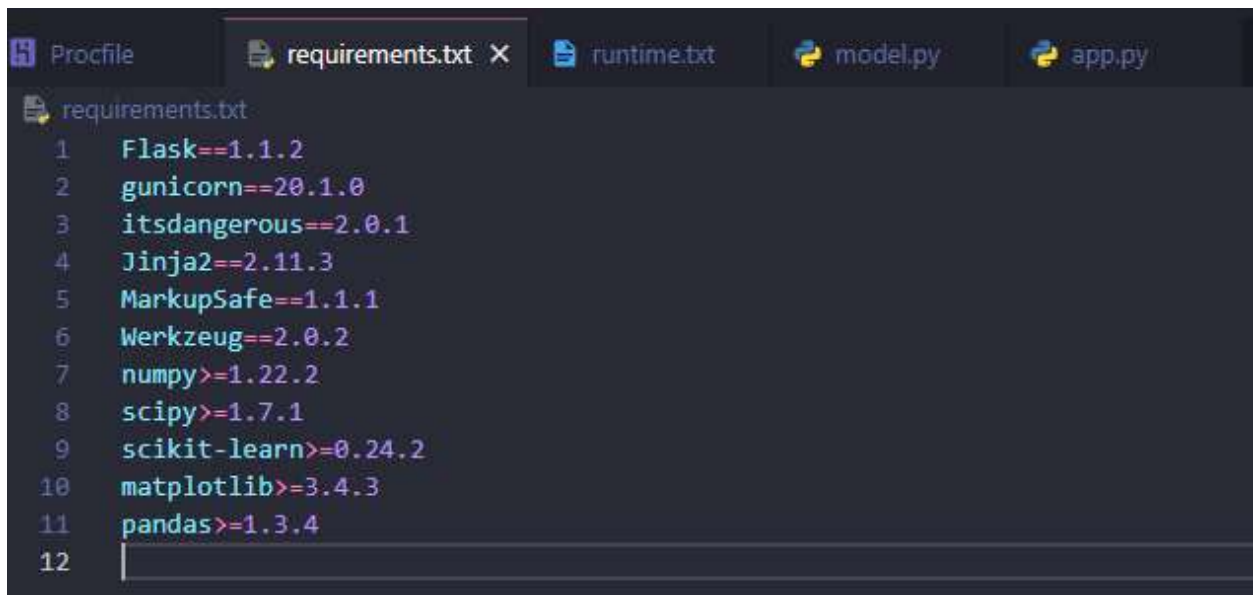


The screenshot shows a code editor with a dark theme. The top bar contains five tabs: 'Procfile' (active), 'requirements.txt', 'runtime.txt', 'model.py', and 'app.py'. The 'Procfile' tab is selected, and the editor displays the following content:

```
1 web: gunicorn app:app
```

Step 3:

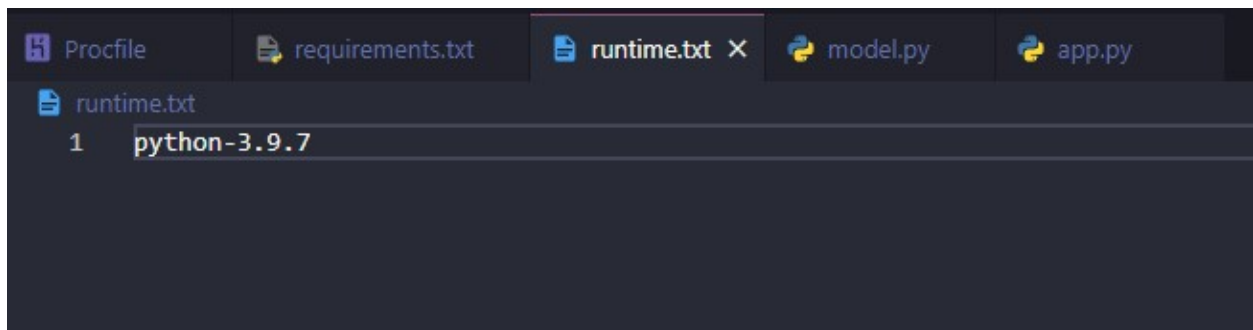
Type out all used packages in requirements.txt. Make sure all versions are respective with those used in the program.



The screenshot shows the same code editor with the 'requirements.txt' tab selected. The editor displays the following content:

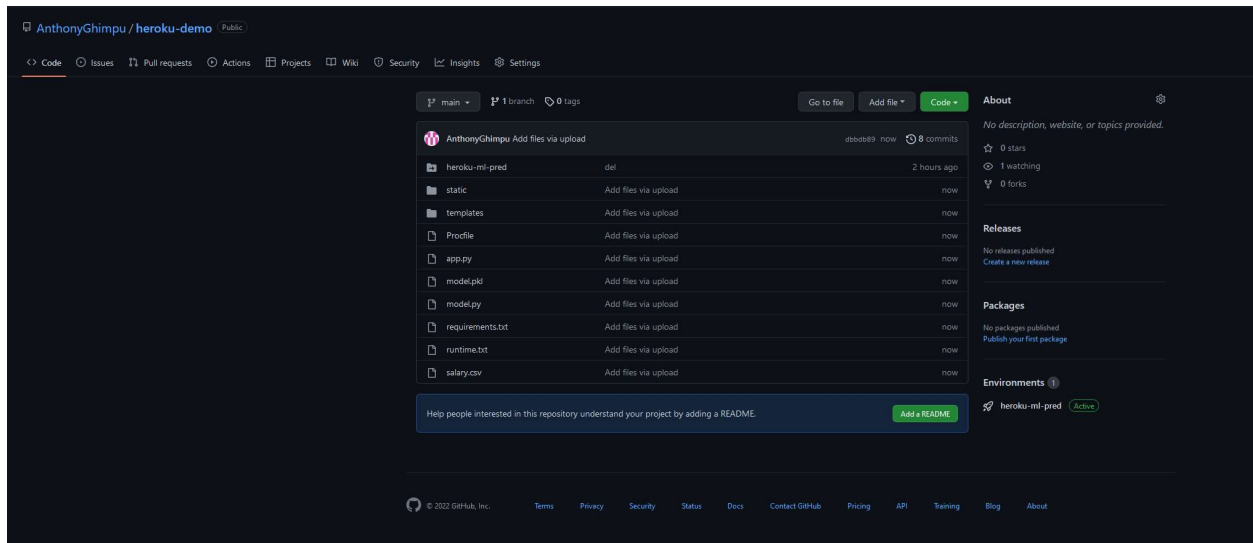
```
1 Flask==1.1.2
2 gunicorn==20.1.0
3 itsdangerous==2.0.1
4 Jinja2==2.11.3
5 MarkupSafe==1.1.1
6 Werkzeug==2.0.2
7 numpy>=1.22.2
8 scipy>=1.7.1
9 scikit-learn>=0.24.2
10 matplotlib>=3.4.3
11 pandas>=1.3.4
12
```

Step 4: Make sure you are running python 3.10.1, as this is the default python version that Heroku uses. If you don't want to update, then create a runtime.txt file and implement your current python version on your computer.

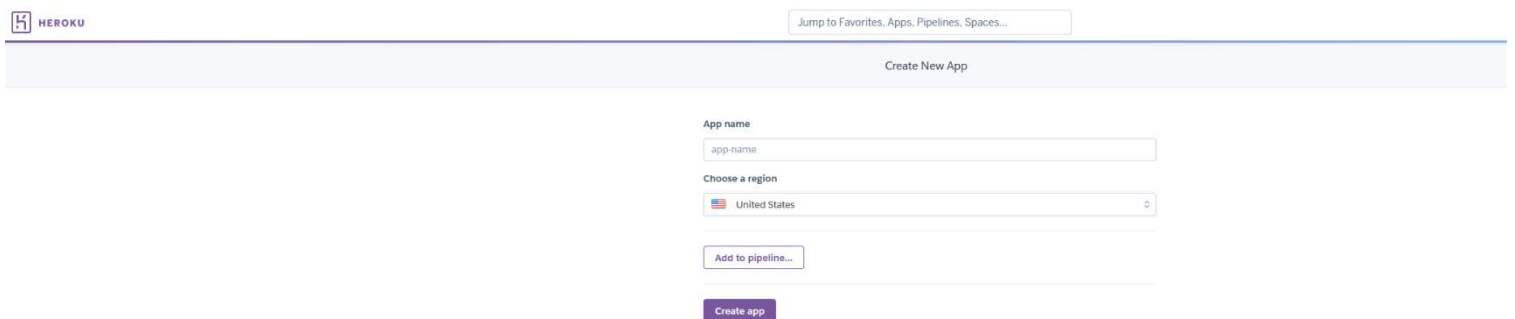


The screenshot shows a code editor interface with a dark theme. At the top, there are tabs for 'Procfile', 'requirements.txt', 'runtime.txt' (which is active and has a close button), 'model.py', and 'app.py'. The 'runtime.txt' tab is selected, and the file content is 'python-3.9.7' on line 1.

Step 6: Make a new repo and add respective files to directory.



Step 7: Assuming you have made an account, create a new app.



The screenshot shows the Heroku 'Create New App' form. The form has a header with the Heroku logo and a search bar. The main content area has a title 'Create New App'. The form fields are: 'App name' with a text input field containing 'app-name'; 'Choose a region' with a dropdown menu showing 'United States'; 'Add to pipeline...' with a button; and 'Create app' with a button.

Step 8: Connect your repo to Heroku.

Connect to GitHub

Connect this app to GitHub to enable code diffs and deploys.


Search for a repository to connect to

 AnthonyGhimpu

heroku-demo

Search

Missing a GitHub organization? [Ensure Heroku Dashboard has team access.](#)

 AnthonyGhimpu/heroku-demo

Connect

Step 9: Deploy to main branch

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more.](#)


Choose a branch to deploy

 main

Deploy Branch

Step 10: View results.


Choose a branch to deploy

 main

Deploy Branch

Receive code from GitHub	✓
Build main <code>dbbdb89a</code>	✓
Release phase	✓
Deploy to Heroku	✓

Your app was successfully deployed.

 View

Step 11: Use application.

