Heroku Deployment
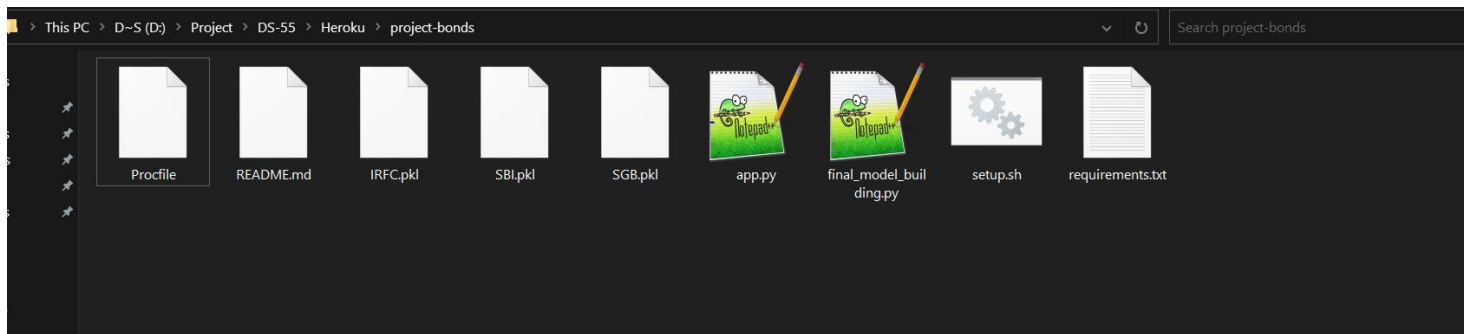
> For deploying our app on Heroku platform we have to create 2 more additional files.
> A. Procfile
> B. setup.sh
> C. requirements.txt

- For creating the Procfile, create 'Procfile.txt' then enter below text in it and save it.
- Then rename it and remove extension (.txt)


```
web: sh setup.sh && streamlit run app.py
```

- Create new text file with name 'setup.txt' and enter below text in it.
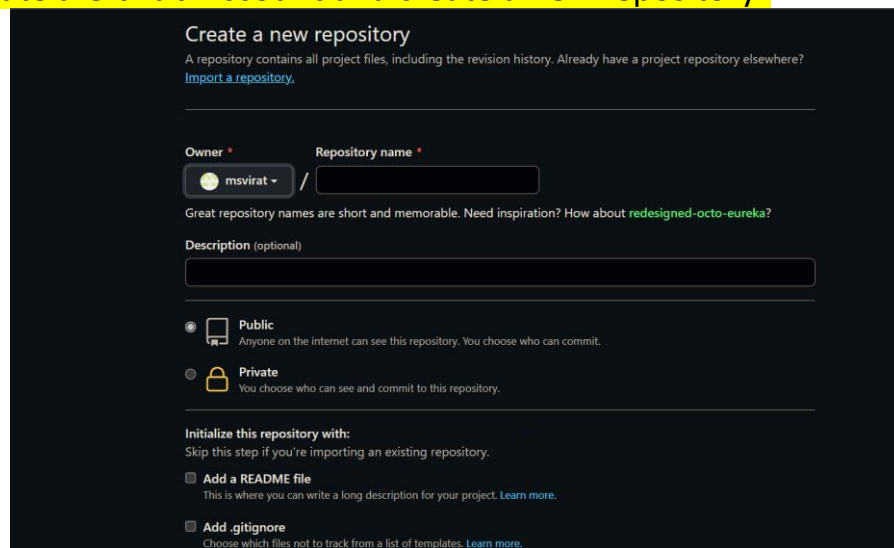- Then rename it as 'setup.sh'.


```
mkdir -p ~/.streamlit/

echo "\
[server]\n\
headless = true\n\
port = $PORT\n\
enableCORS = false\n\
\n\
" > ~/.streamlit/config.toml
```

Note: 3 files are important for deployment

1. requirements.txt
2. Procfile
3. setup.sh

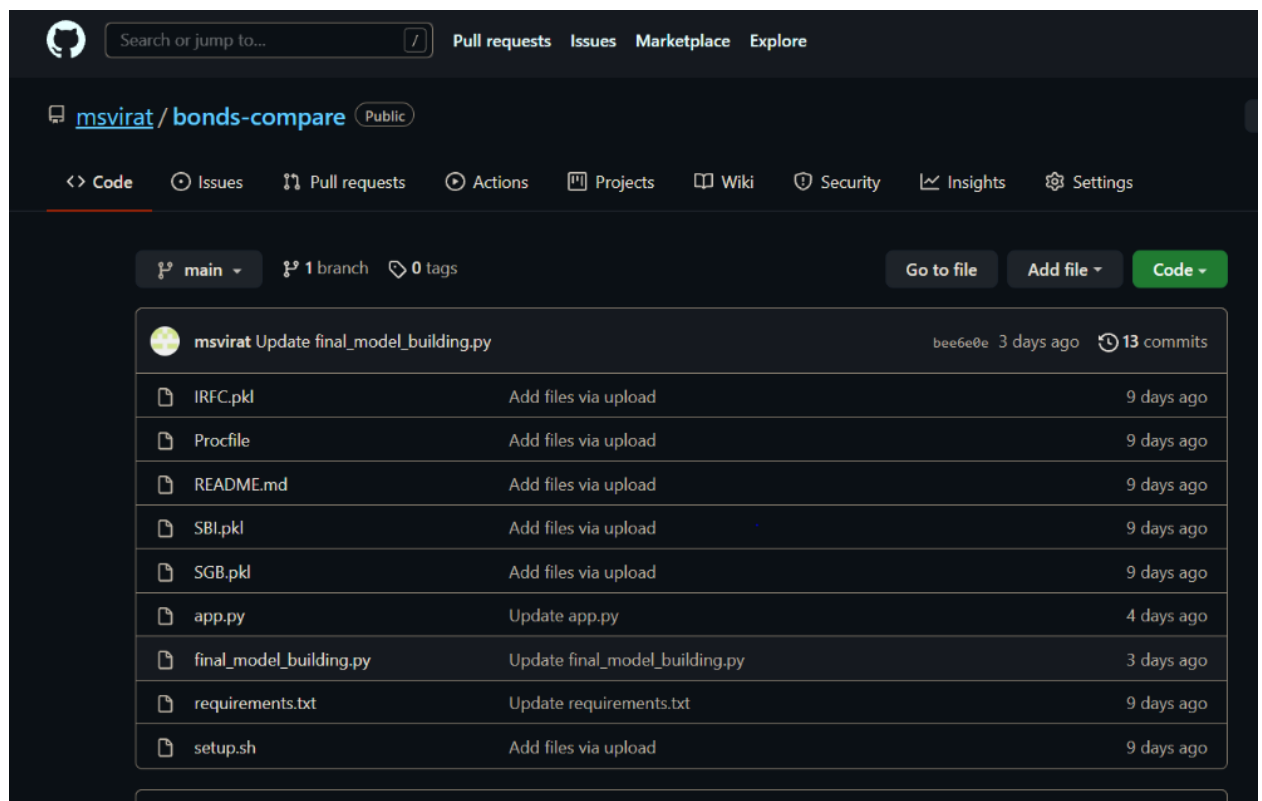2. ==Create a GitHub Account and create a new repository.==

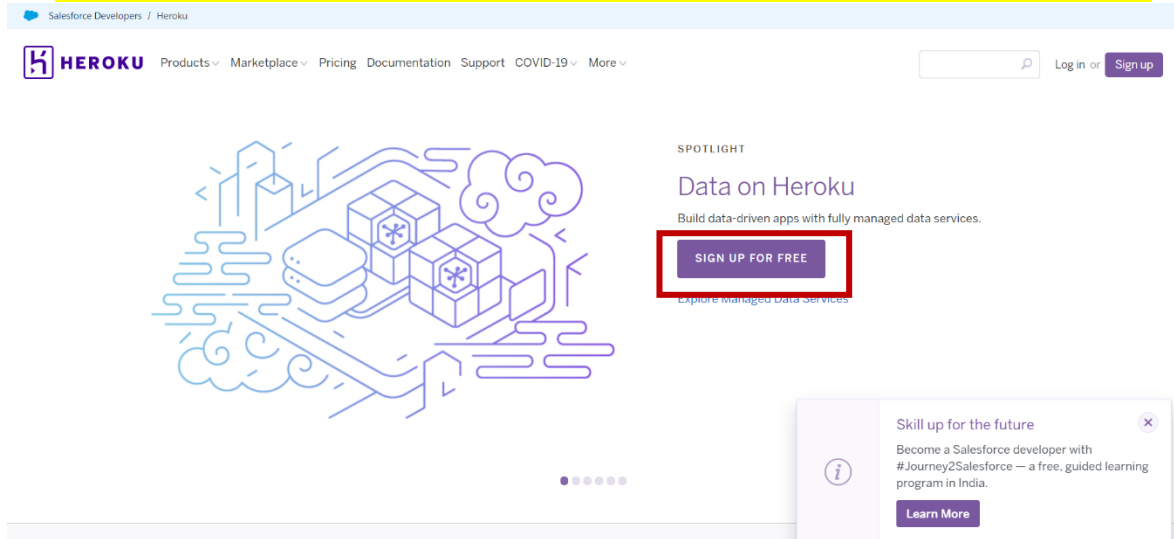Enter the name for your repository.
Note: My repo name is 'bonds-compare'

3. ==Upload all the files from your local system to that repository. This can be done by simple 'Drag-Drop' or using 'Git'.==

4. Open Heroku Site and create the account. https://www.heroku.com/

Enter all the details and confirm your email. After that create password and then again login using your credentials.

After login, click on 'Accept' and don't make any other changes.

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Terms of Use (Default), unless the Heroku Elements Marketplace provider has furnished to Heroku a separate terms of use, in which case such provider's terms of use govern the use or purchase of the applicable Heroku Elements. Additional Terms apply to credit card customers of the Heroku Services.

Heroku Marketplace Providers

If you are or become a Heroku Elements Marketplace Provider, you further agree that your participation in the Heroku Elements Marketplace is governed by the Salesforce License and Distribution Agreement for the Heroku Elements Marketplace.

Italian Customers

Are you domiciled in Italy?

No.

Accepted   *August 27, 2021*

5. Click on create New app.

6. Enter name for your app and click on 'Create app'.

7. In Deployment Method block select 'Connect to GitHub' option.
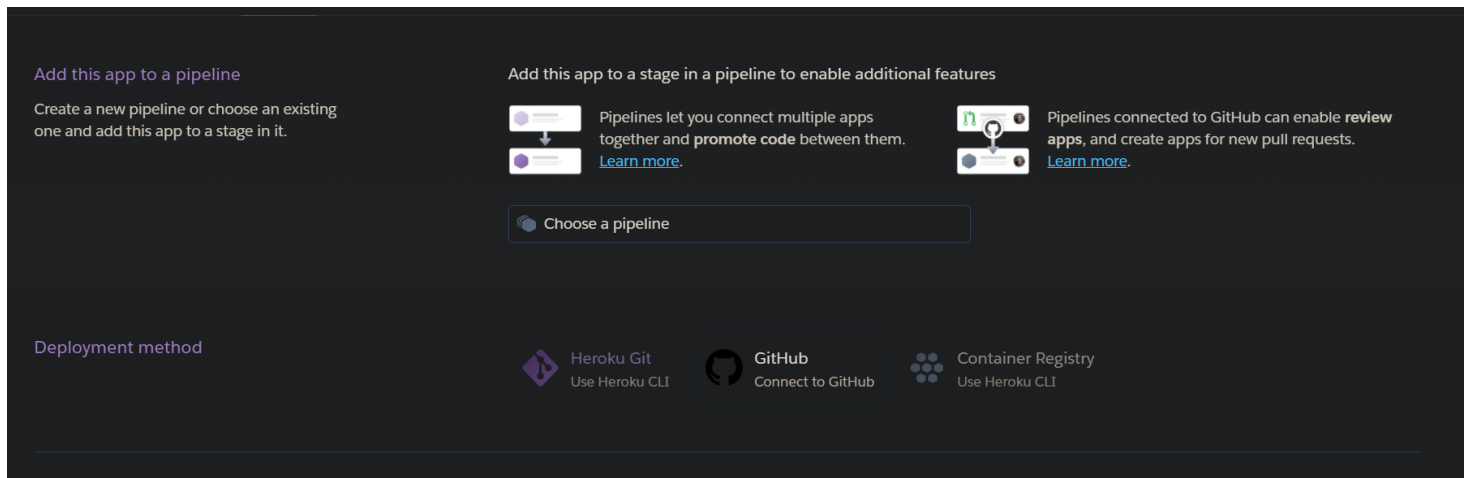
8. Below enter your GitHub profile URL and search for your created webapp repository or enter the repo name.

9. Press 'Search' and then press 'Connect'.

==10. Now connection is made between Heroku and GitHub.==

App connected to GitHub

Code diffs, manual and auto deploys are available for this app.

Connected to 📱 msvirat/bonds-compare by 🌐 msvirat   Disconnect...
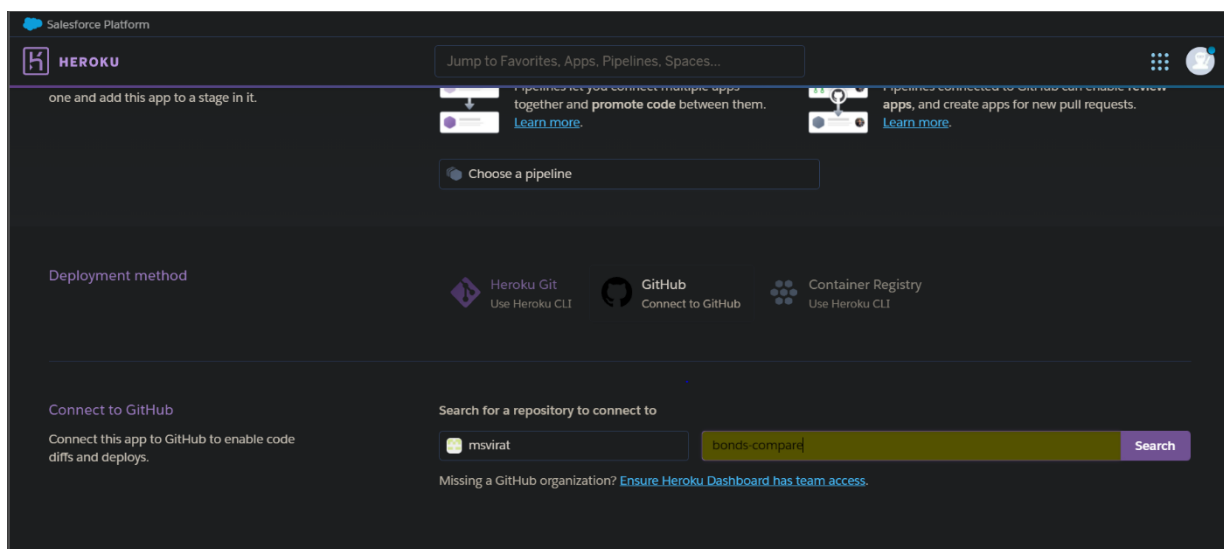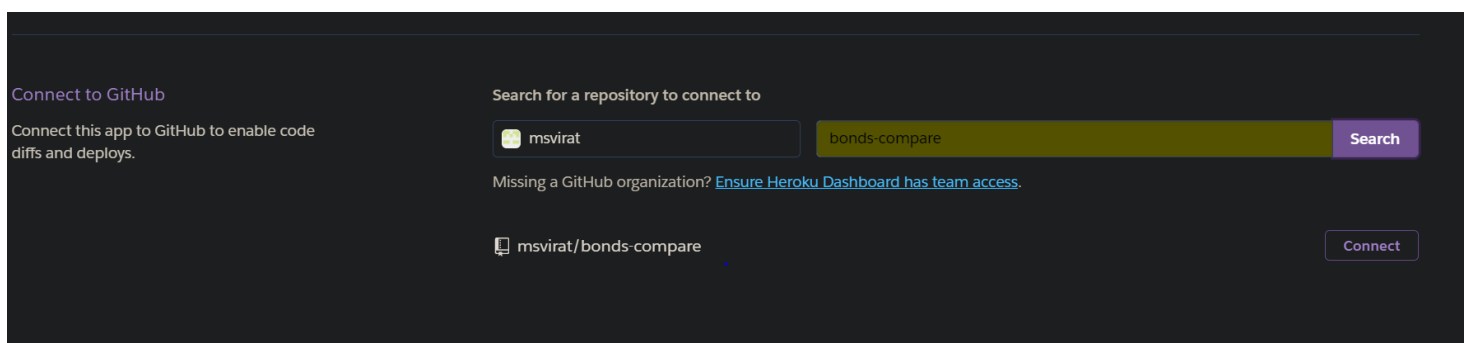
⚙ Releases in the activity feed link to GitHub to view commit diffs

==11. Next 'Enable Automatic Deploys'.==

Automatic deploys

Enables a chosen branch to be automatically deployed to this app.

⚙ You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions here.

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch is always in a deployable state and any tests have passed before you push. Learn more.

Choose a branch to deploy

⑂ main

☐ Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

==12. Click on 'Deploy branch'.==

Note: Don't change the 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**

Rest of the process is automatic, Heroku will download all the dependencies and launch the App.

Note: Wait for few minutes.

14.Click on 'View'.

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** |

Receive code from GitHub ⊘

Build **main** bee6e0e5 ⊘

Release phase ⊘

Deploy to Heroku ✔

Your app was successfully deployed.

⤴ View

15.WebApp

Menu

Forecast ▾

Investment on Bonds

Comparing Profit of Sovereign Gold Bond with General Bonds (Indian Railway Finance Corporation & SBI Life (Unit II Regular) - Bond Fund)

how many years you plan for investment:

| 5 | ▾ |

Forecast