

Deployment Heroku

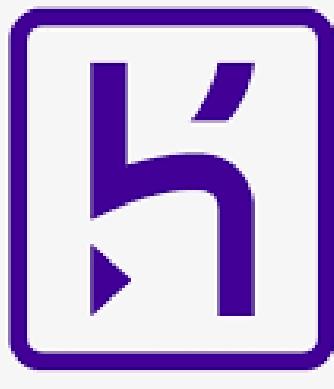
By sarina
JumaTec Class

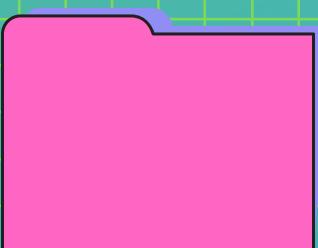


Apa itu Heroku ?



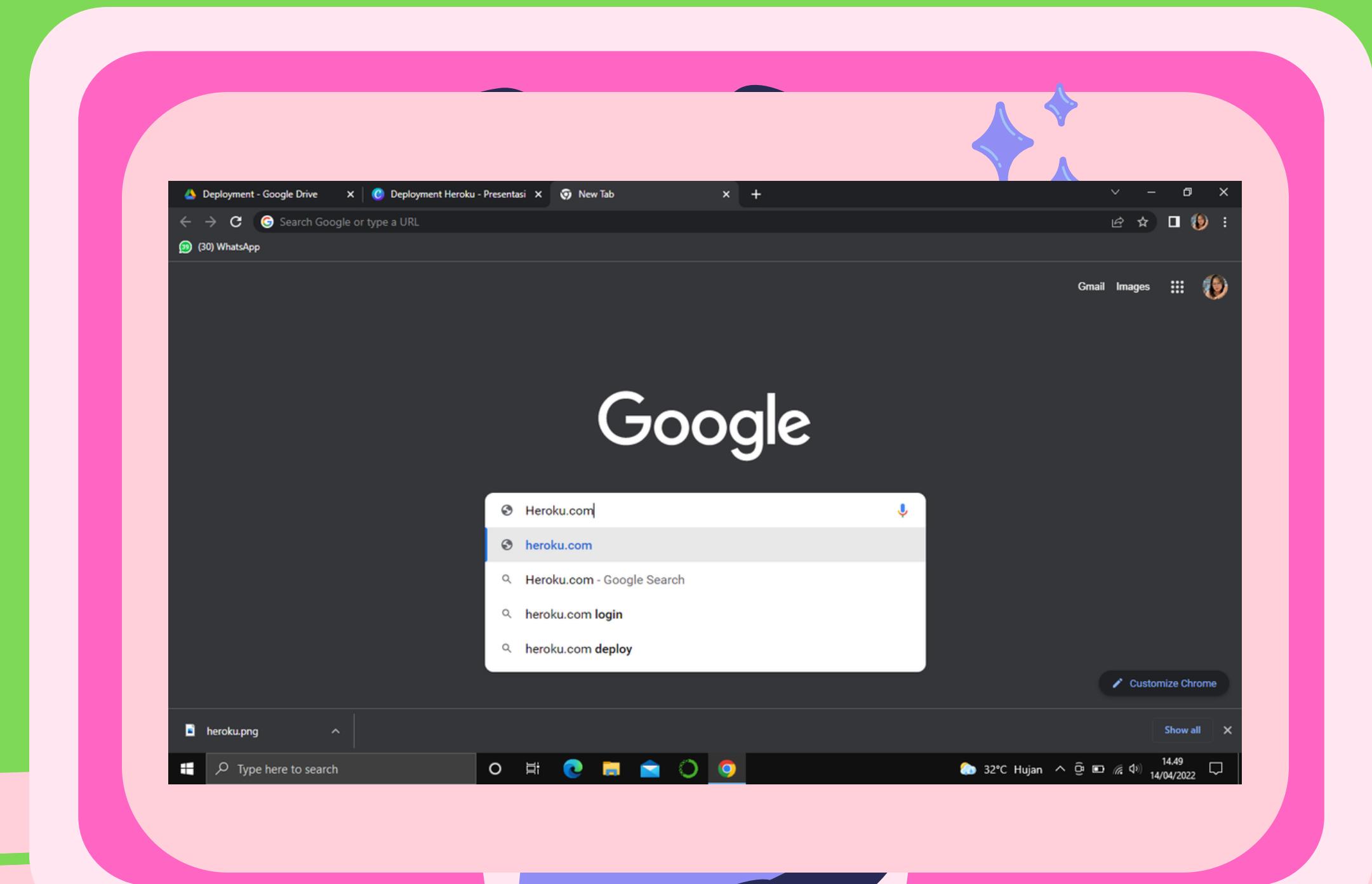
Heroku adalah platform cloud sebagai layanan yang mendukung beberapa bahasa pemrograman. Salah satu platform cloud pertama, Heroku telah dikembangkan sejak Juni 2007, ketika hanya mendukung bahasa pemrograman Ruby, tetapi sekarang mendukung Java, Node.js, Scala, Clojure, Python, PHP, dan Go.



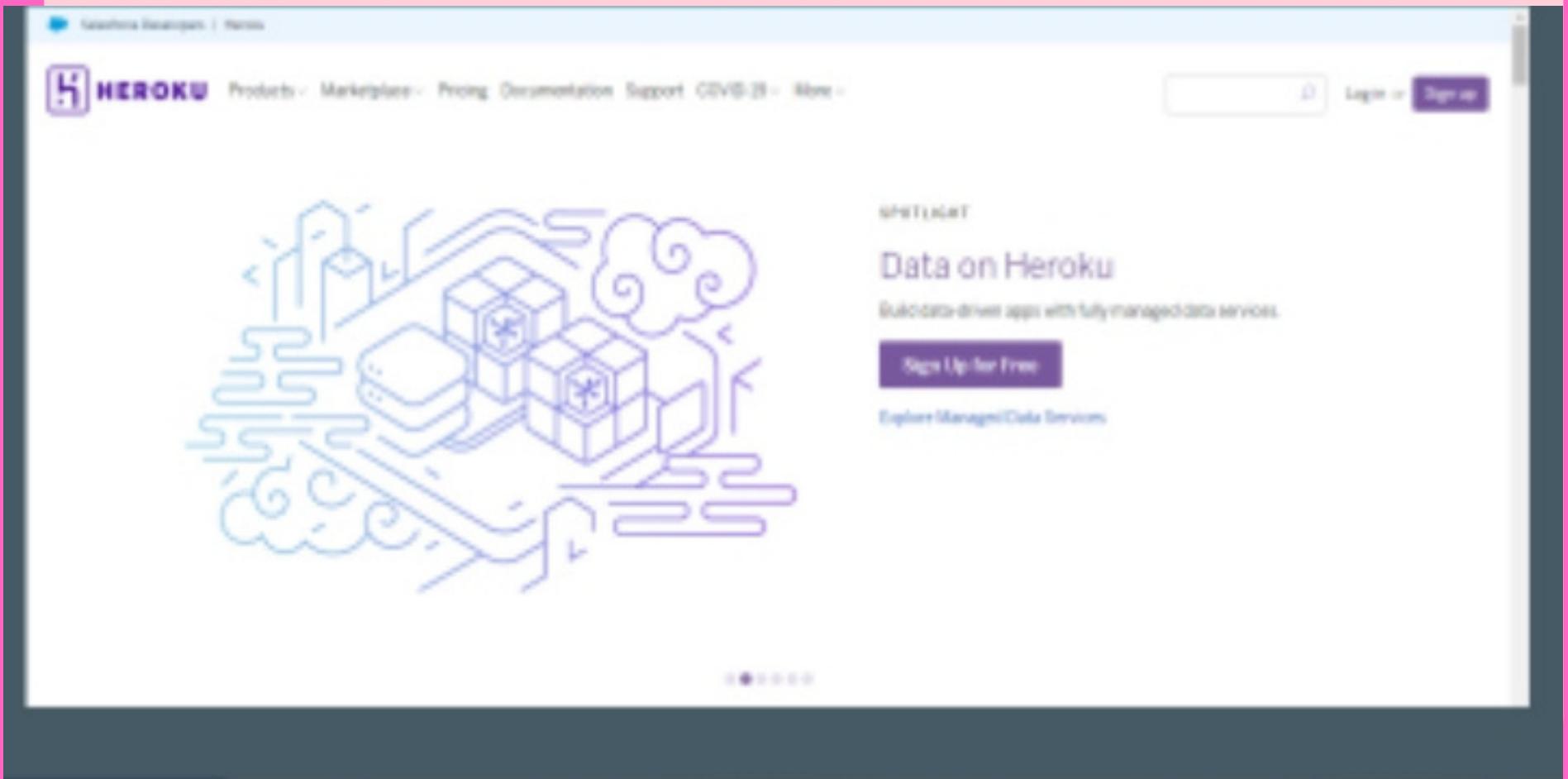


Step 1

Buka Website **heroku.com**



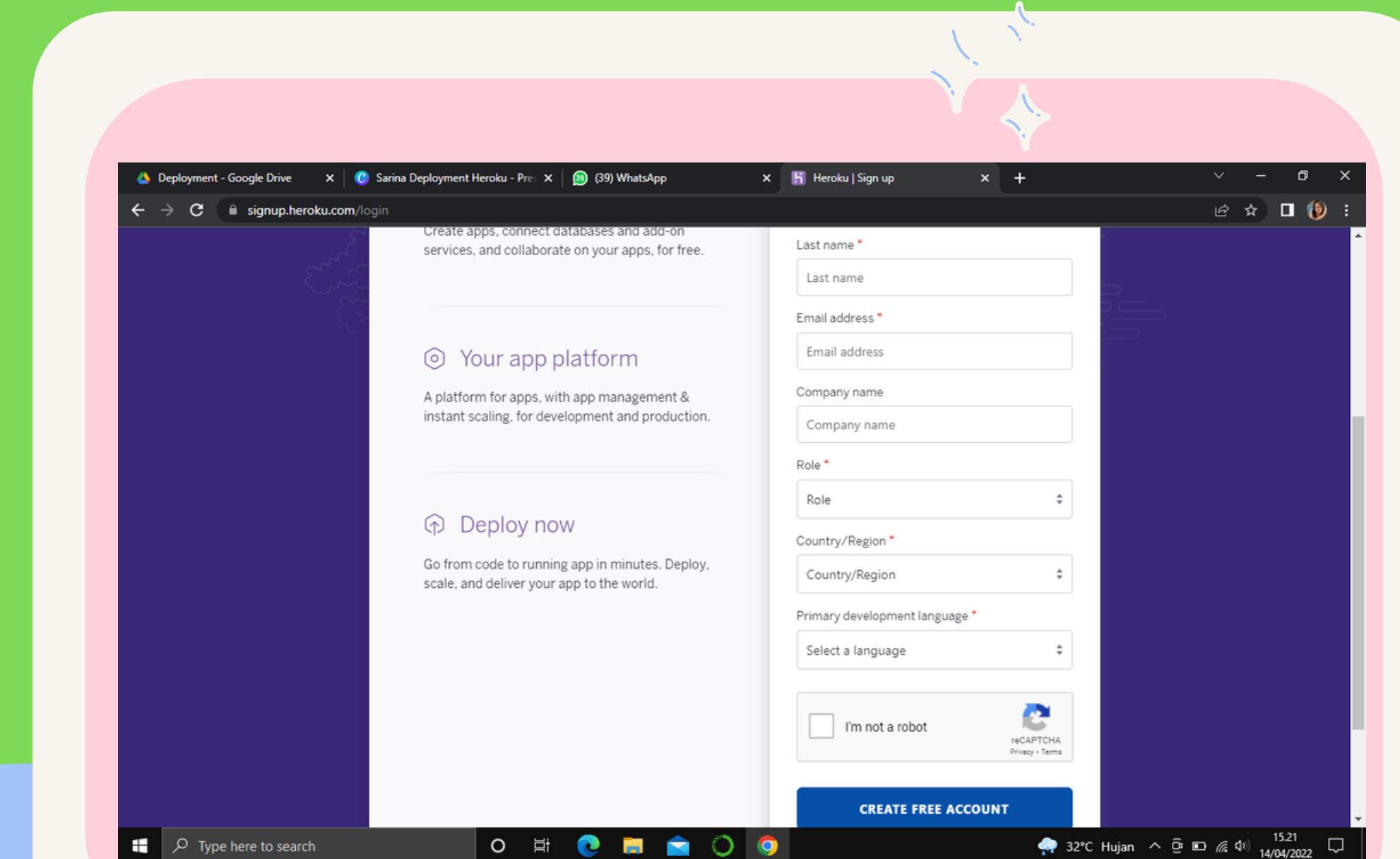
Step 2



Click **Sign Up For Free**
untuk membuat akun baru heroku

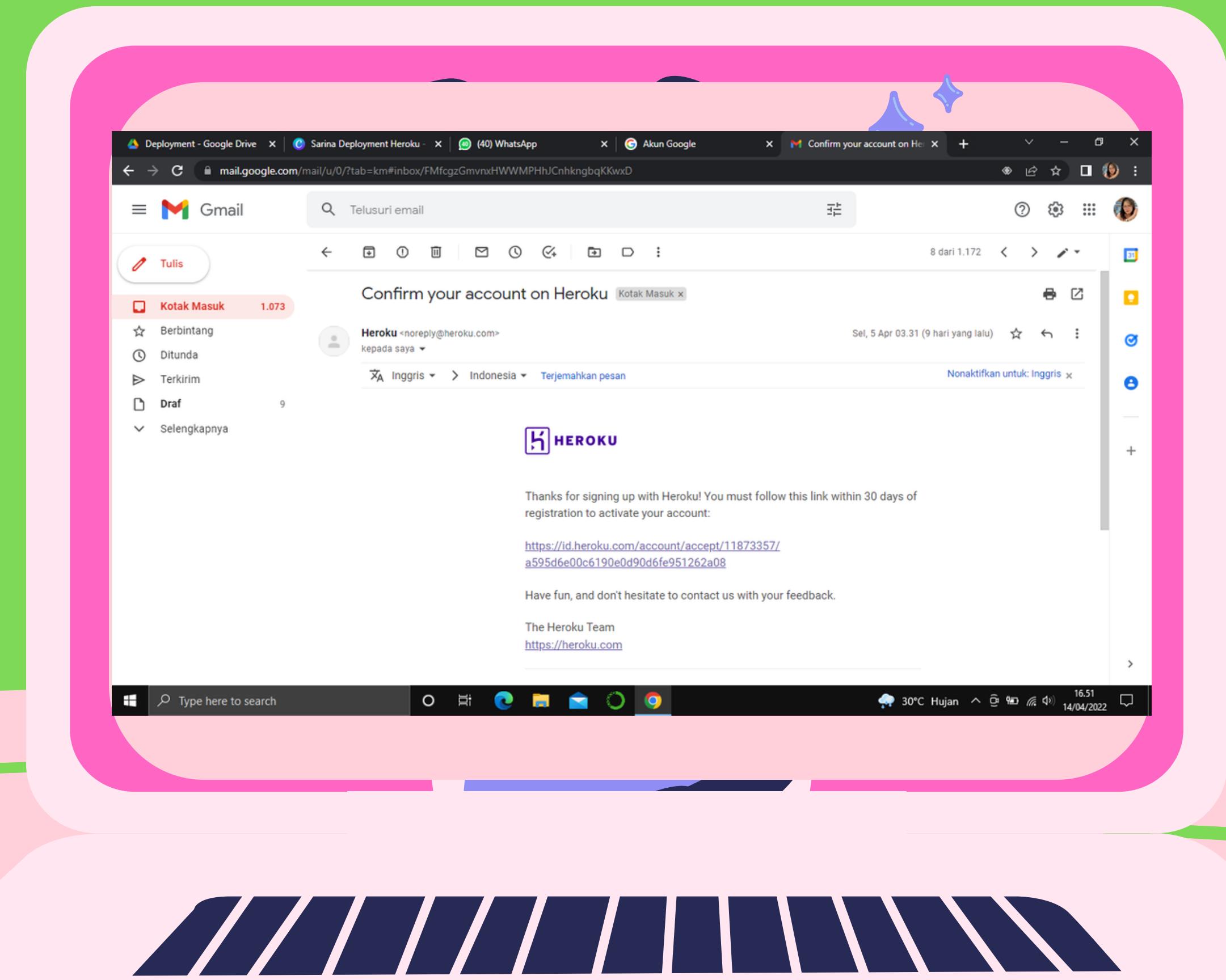
Step 3

Isi biodata diri dan Click
Create Free Account

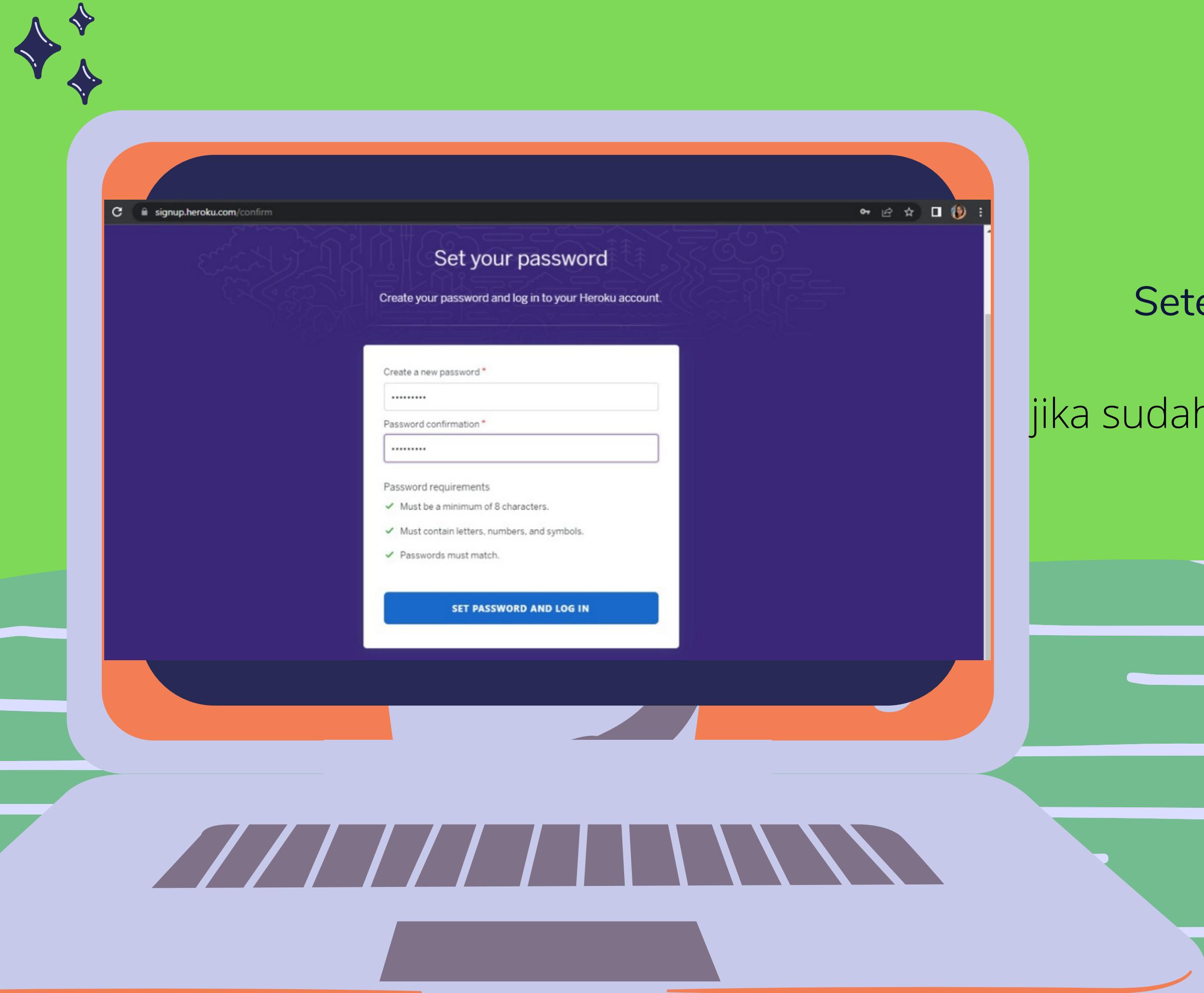


Step 4

Buka email anda dan buka email dari heroku untuk mengaktifkan akun Anda!



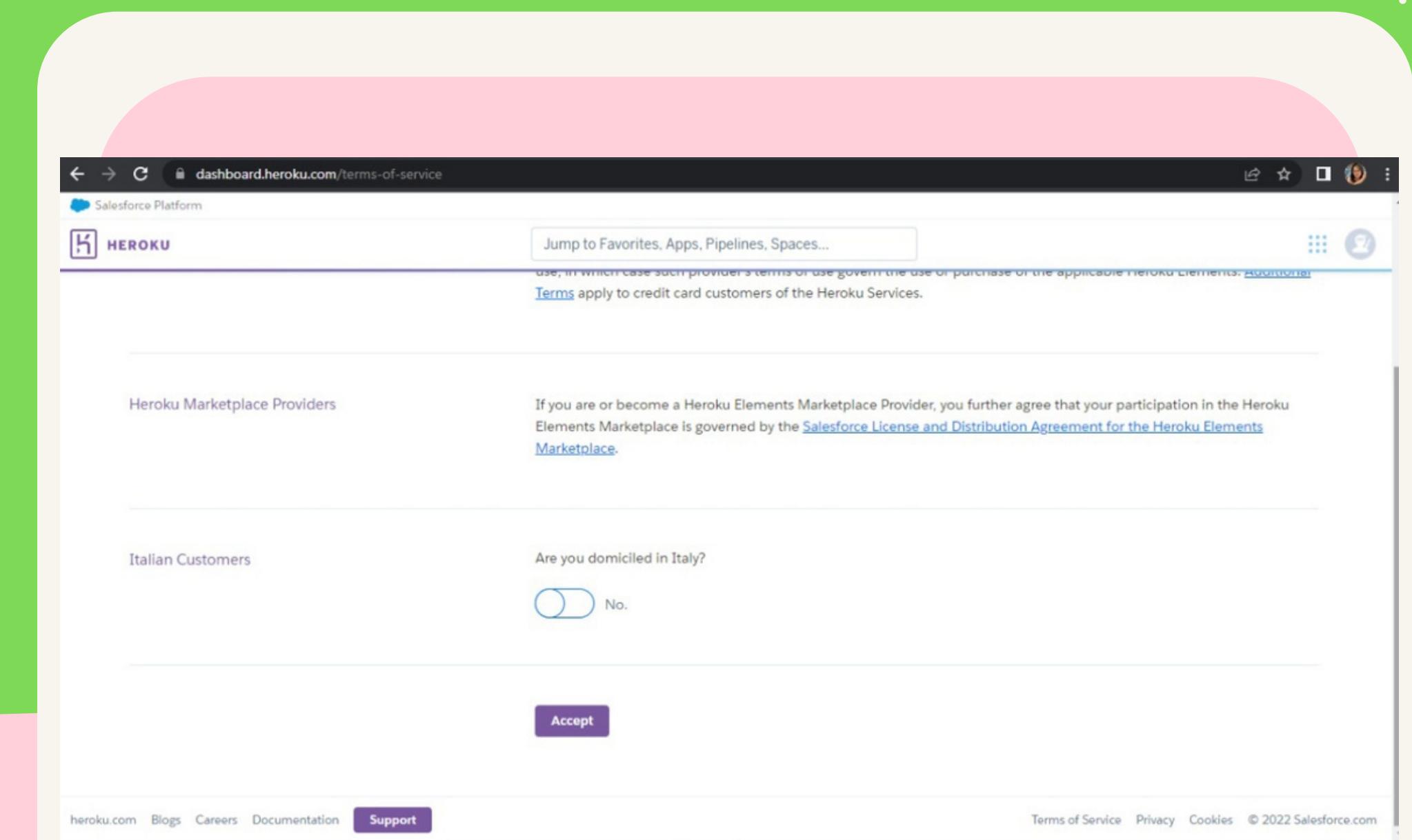
Step 5



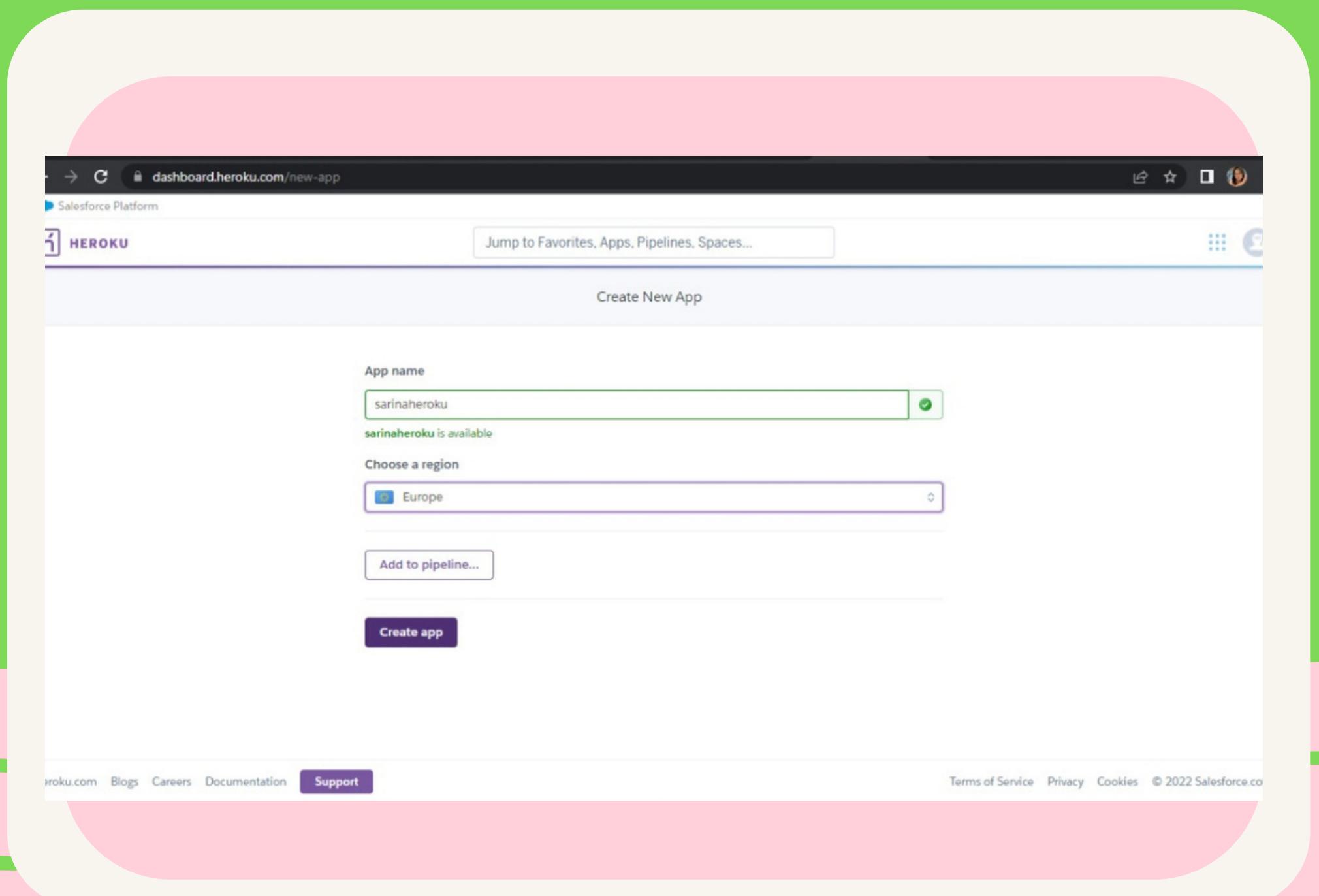
Setelah berhasil verifikasi akun,,
membuat password
jika sudah klik "**Set Password and Log In**"

Step 6

Ketika muncul tampilan seperti ini
Click **Accept**



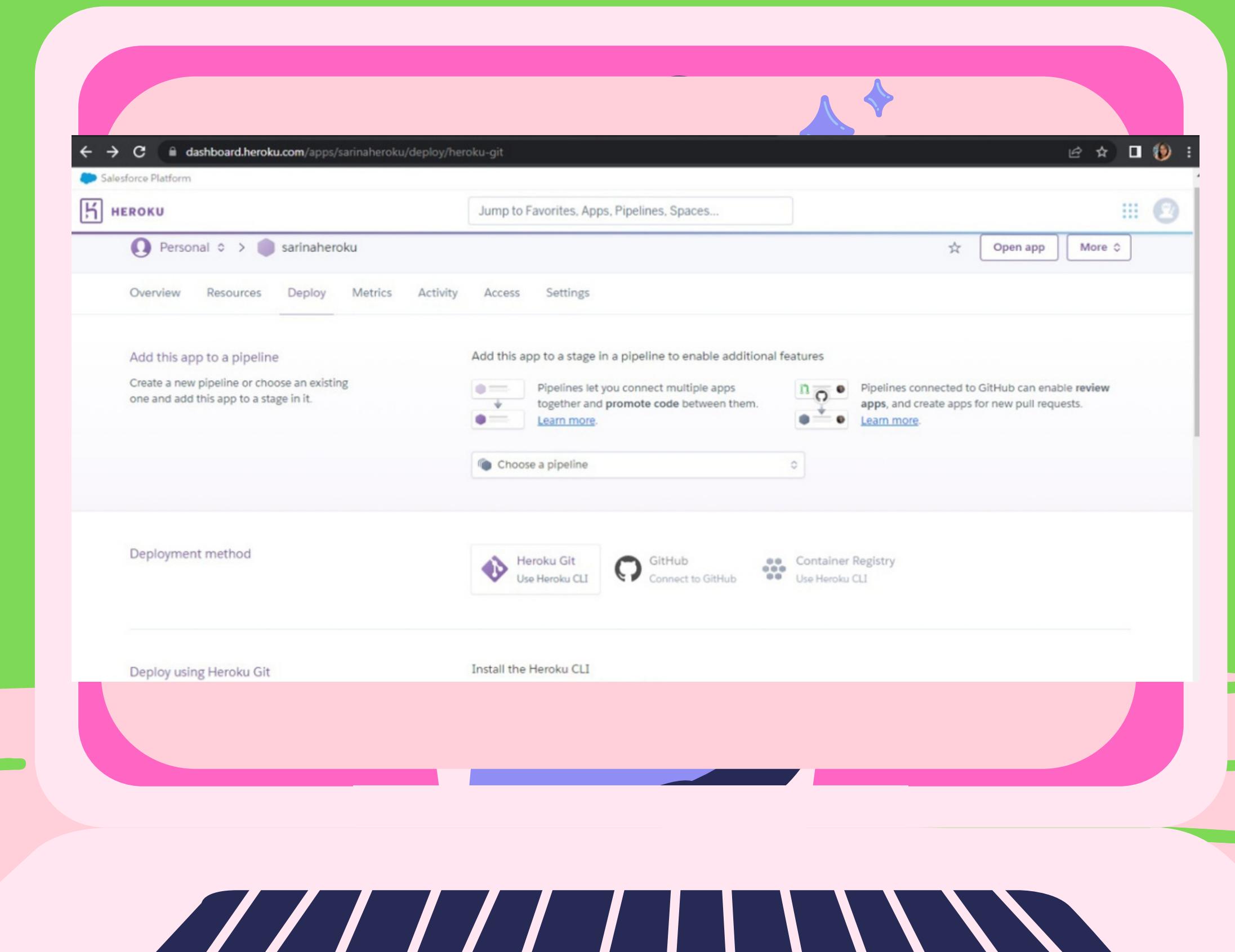
Step 7



Isi nama aplikasinya contoh
"sarinaheroku", dan
click **Create App**

Step 8

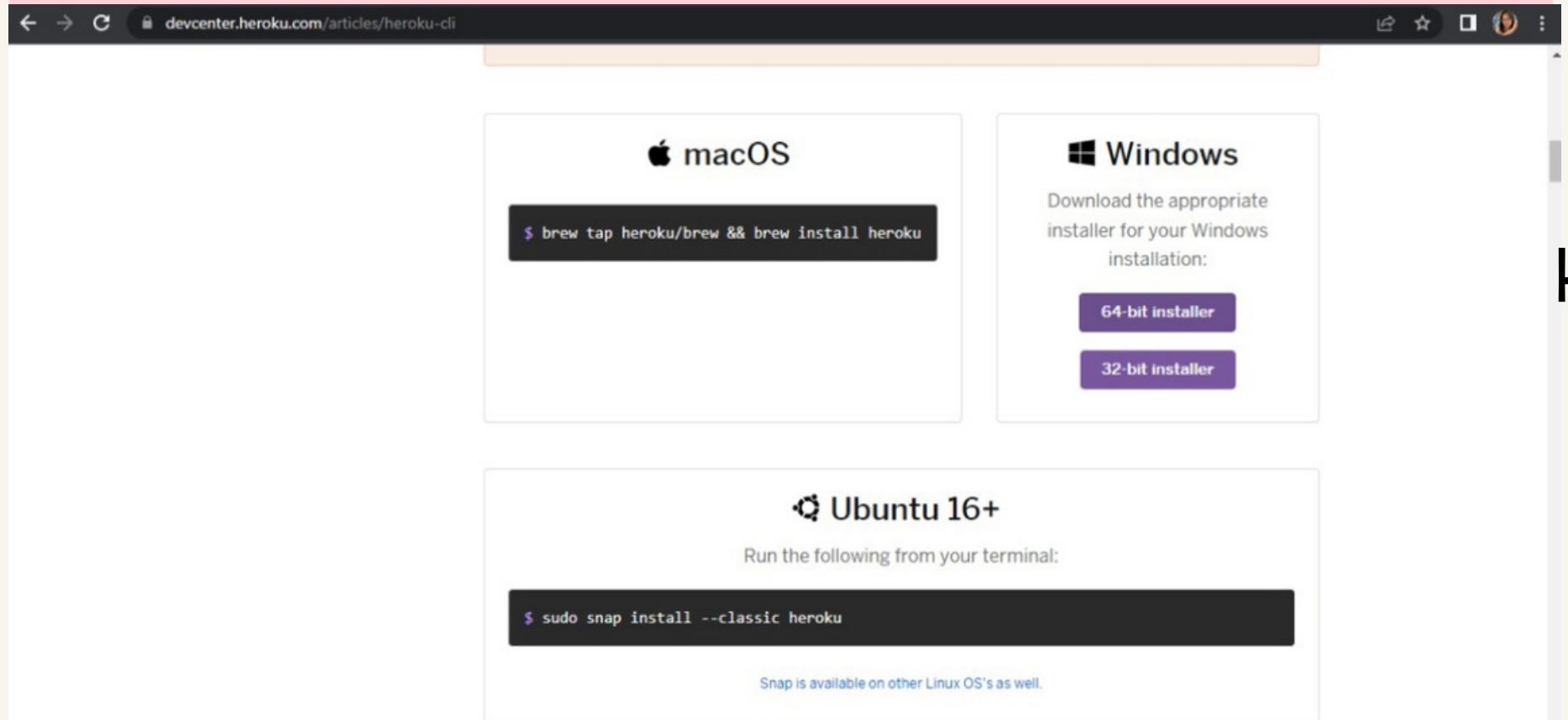
selanjutnya click **Heroku CLI**
untuk mengunduh software heroku



Step 9



Unduh software dengan cara
click 64-bit installer,
kemudian buka dan install (click next tanpa
mengubah pilihan saat proses instalasi)

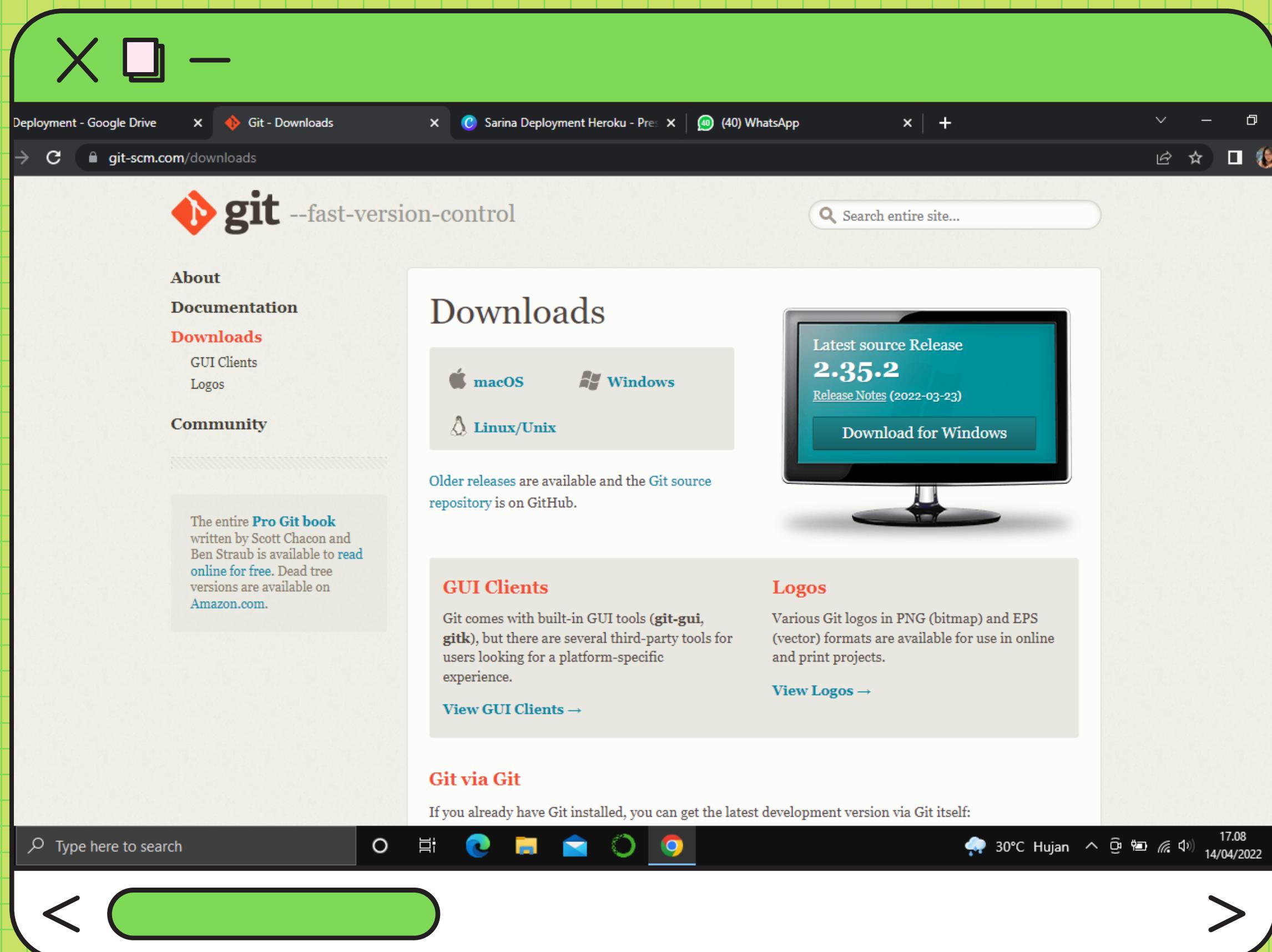


Step 10

selanjutnya download git bash yang digunakan untuk menjalankan Git dari command line atau baris perintah.

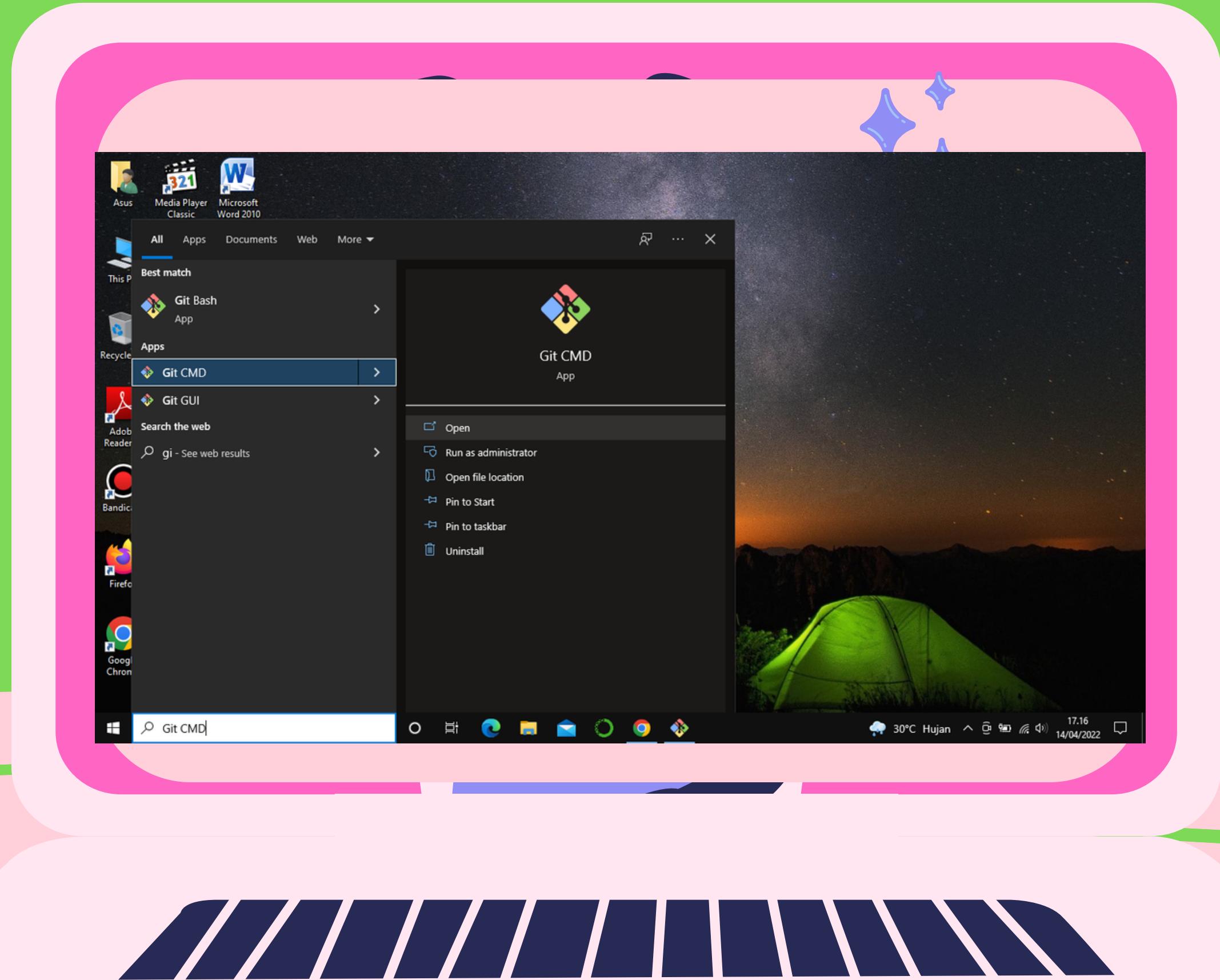
Download Git Bash pada link berikut :

<https://git-scm.com/downloads>

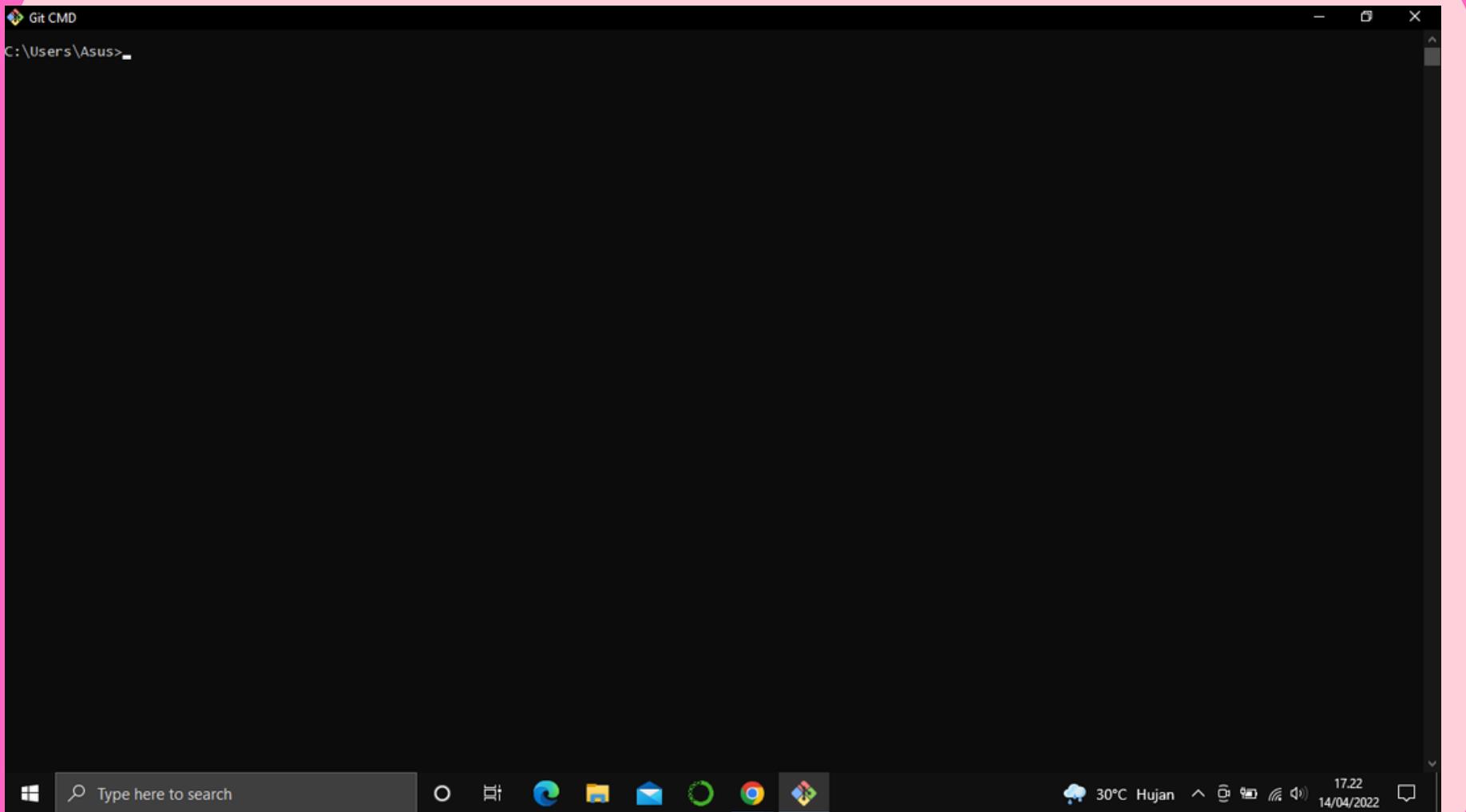


Step 11

Kemudian Click
Start/windows, Ketik Git Cmd
lalu Open



Step 12



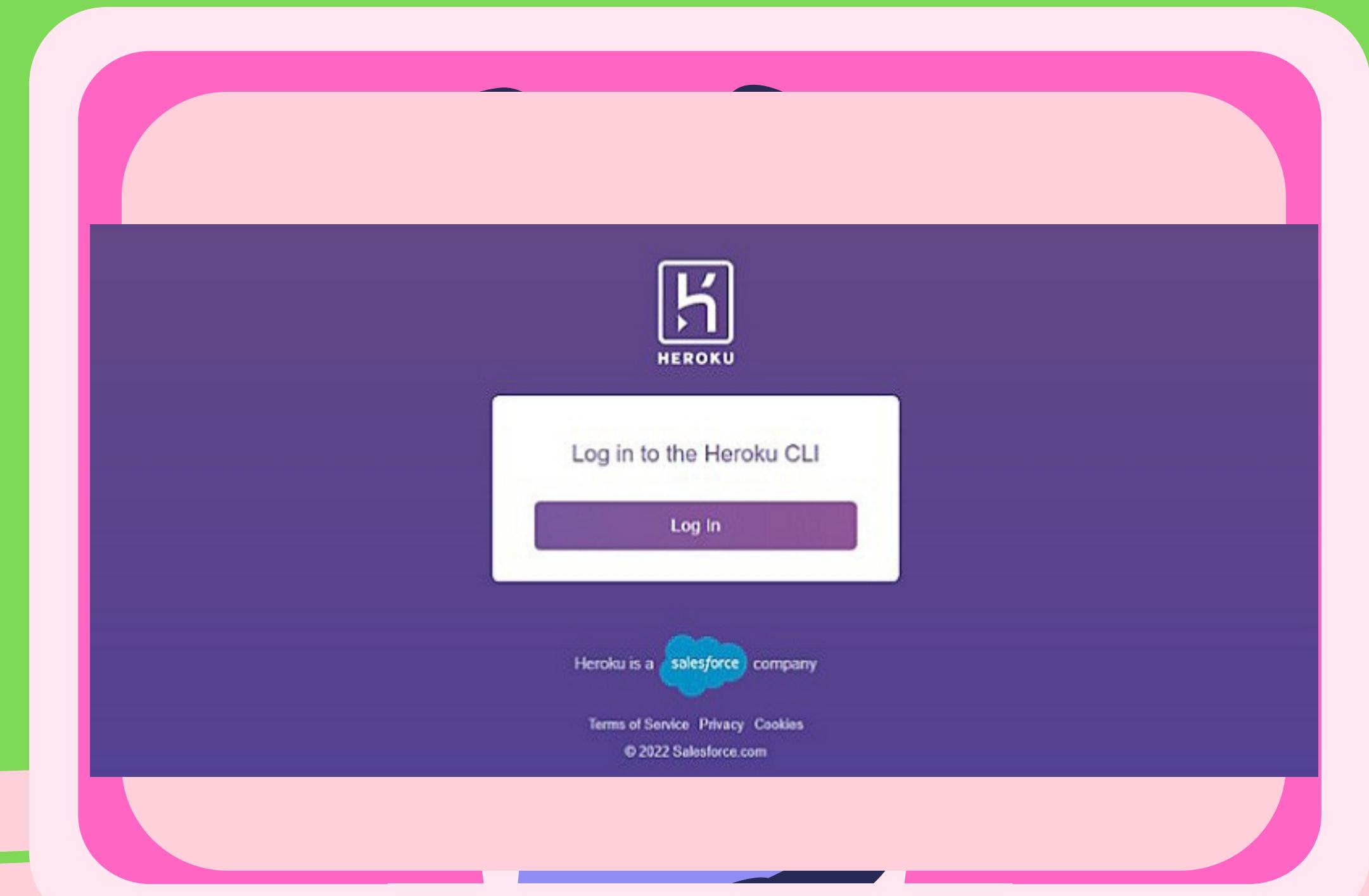
Setelah berhasil maka akan muncul seperti gambar disamping kemudian Click Perintah seperti berikut :

1. git clone
<https://github.com/jumadicloud/dts-linreg>
2. git config --global user.name "username github punya anda"
3. git config --global user.email "name email anda"
4. heroku login

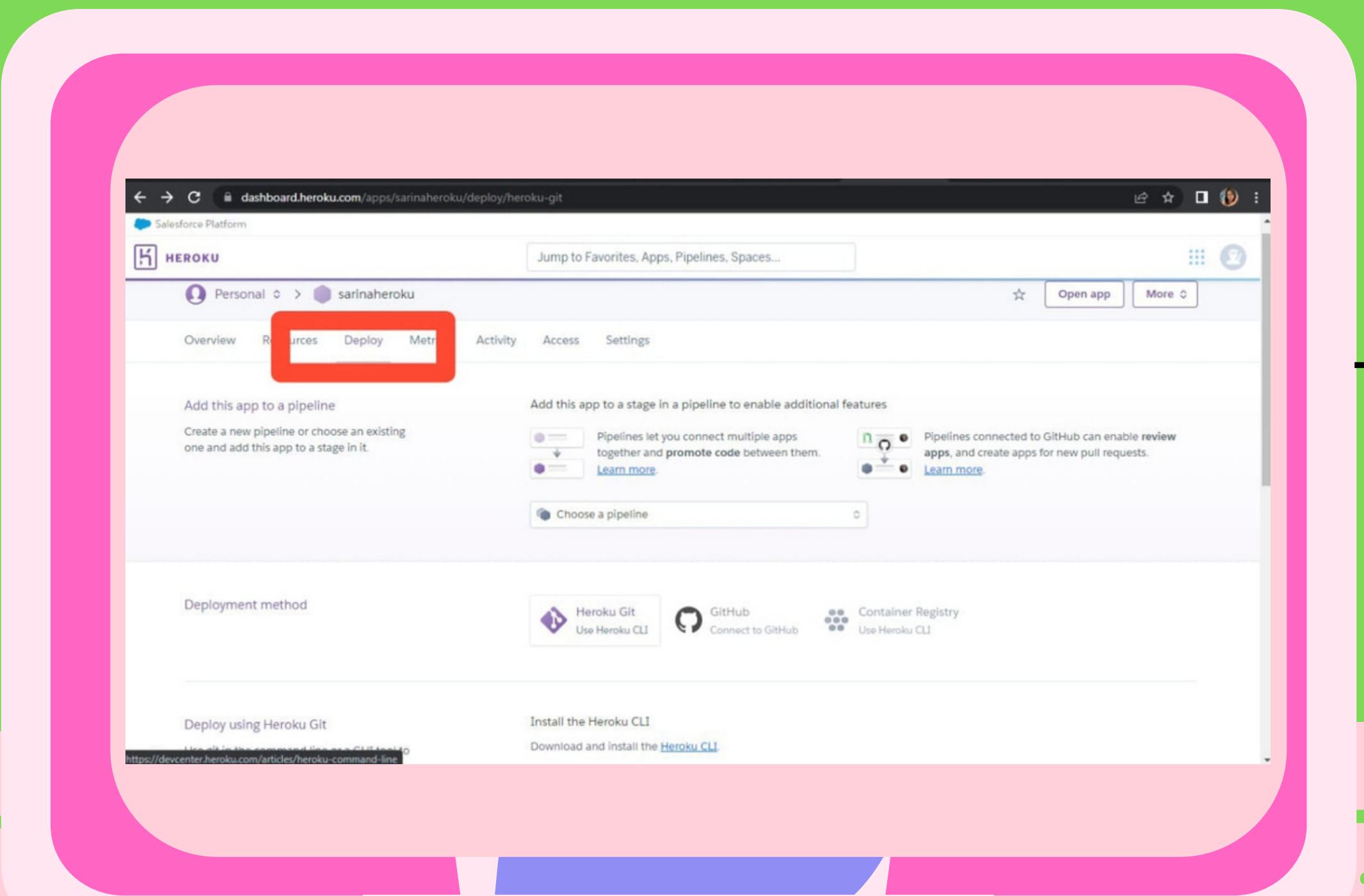
Lalu enter dan akan diarahkan ke browser untuk login

Step 13

Tampilannya akan seperti disamping.
dan click **Log in**, Jika sudah kembali
dashboard heroku.



Step 14

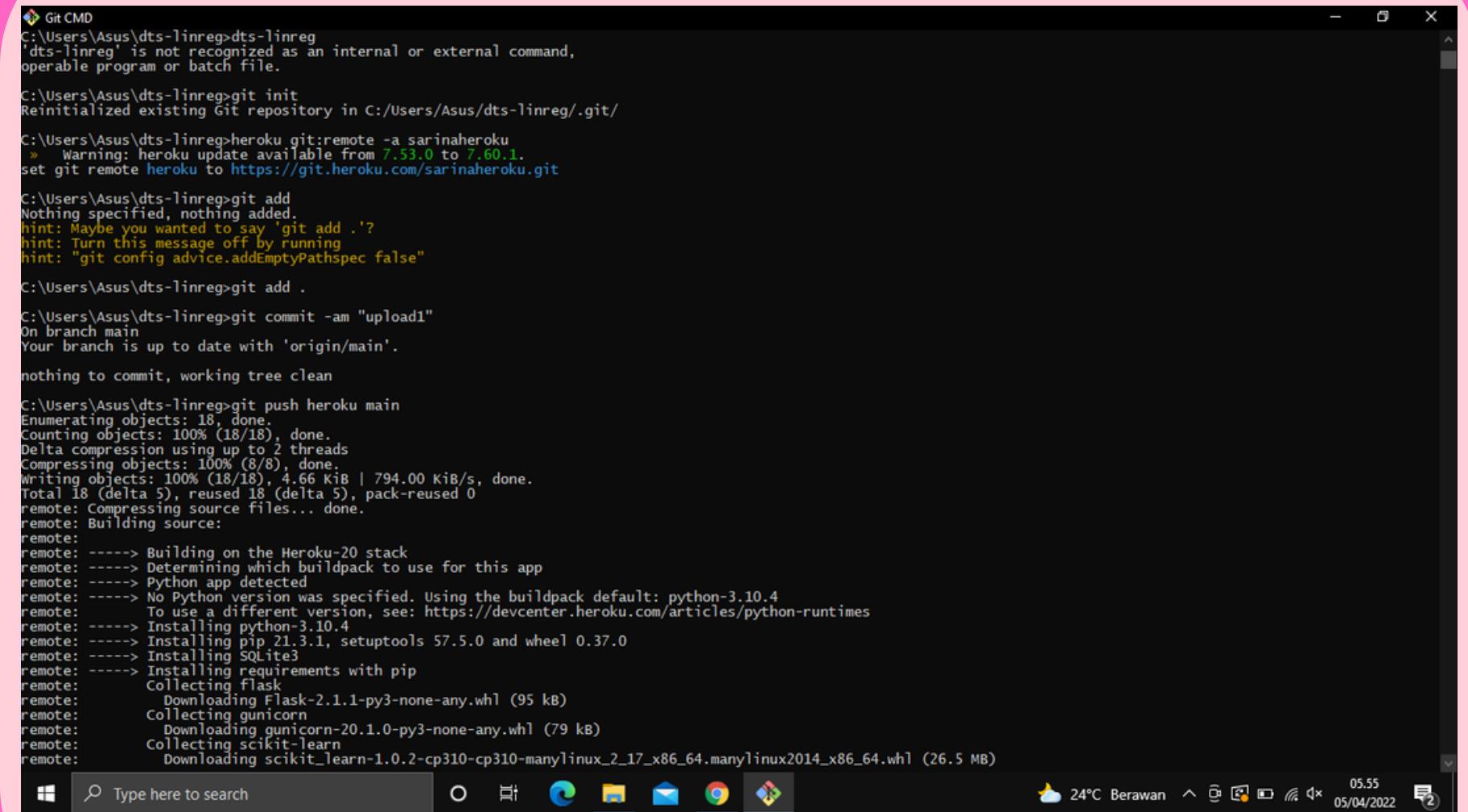


Tampilan dashboard di aplikasi lalu pilih **Deploy** dan scroll kebawah

Step 15

Kemudian Ketik Perintah dibawah ini :
cd dts-linreg

1. git init
2. heroku git:remote -a
sarinaheroku
- 3.git add .
- 4.git commit -am "make it
better"
- 5.git push heroku main



```
Git CMD
C:\Users\Asus\dts-linreg>dts-linreg
'dts-linreg' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Asus\dts-linreg>git init
Reinitialized existing Git repository in C:/Users/Asus/dts-linreg/.git/

C:\Users\Asus\dts-linreg>heroku git:remote -a sarinaheroku
» Warning: heroku update available from 7.53.0 to 7.60.1.
set git remote heroku to https://git.heroku.com/sarinaheroku.git

C:\Users\Asus\dts-linreg>git add .
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'?
hint: Turn this message off by running
hint: "git config advice.addEmptyPathspec false"

C:\Users\Asus\dts-linreg>git commit -am "upload1"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

C:\Users\Asus\dts-linreg>git push heroku main
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 2 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (18/18), 4.66 KiB | 794.00 KiB/s, done.
Total 18 (delta 5), reused 18 (delta 5), pack-reused 0
remote: Compressing source files...
remote: Building source:
remote:
remote: -----> Building on the Heroku-20 stack
remote: -----> Determining which buildpack to use for this app
remote: -----> Python app detected
remote: -----> No Python version was specified. Using the buildpack default: python-3.10.4
remote: To use a different version, see: https://devcenter.heroku.com/articles/python-runtimes
remote: -----> Installing python-3.10.4
remote: -----> Installing pip 21.3.1, setuptools 57.5.0 and wheel 0.37.0
remote: -----> Installing SQLite3
remote: -----> Installing requirements with pip
remote:     Downloading Flask-2.1.1-py3-none-any.whl (95 kB)
remote:     Collecting gunicorn
remote:         Downloading gunicorn-20.1.0-py3-none-any.whl (79 kB)
remote:     Collecting scikit-learn
remote:         Downloading scikit_learn-1.0.2-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (26.5 MB)

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```

Step 16

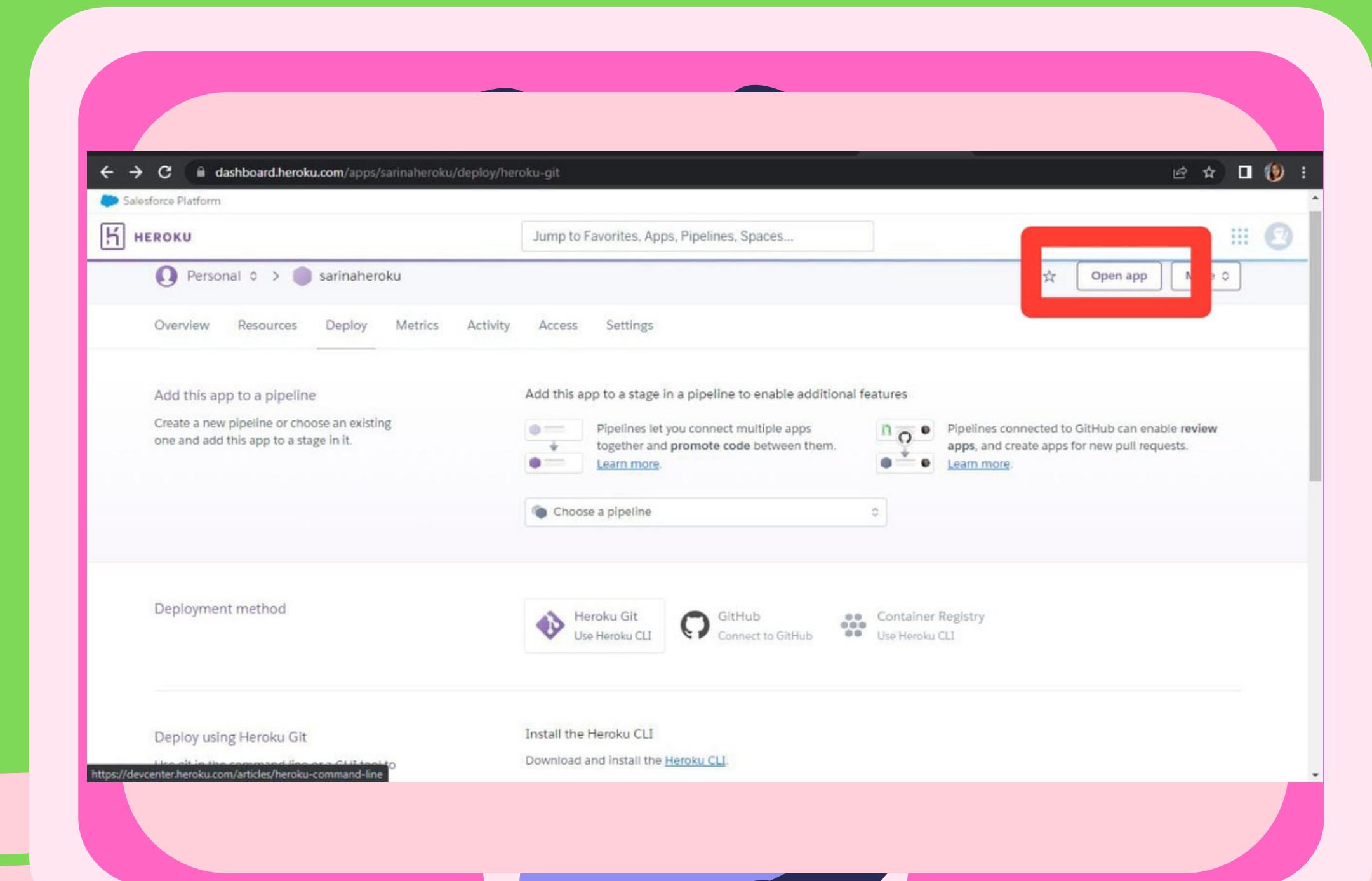


```
Git CMD
remote:     Downloading scikit-learn-1.0.2-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (26.5 MB)
remote:     Collecting Werkzeug>=2.0
remote:       Downloading werkzeug-2.1.1-py3-none-any.whl (224 kB)
remote:     Collecting itsdangerous>=2.0
remote:       Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
remote:     Collecting click>=8.0
remote:       Downloading click-8.1.2-py3-none-any.whl (96 kB)
remote:     Collecting Jinja2>=3.0
remote:       Downloading Jinja2-3.1.1-py3-none-any.whl (132 kB)
remote:     Collecting threadpoolctl>=2.0.0
remote:       Downloading threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
remote:     Collecting scipy>=1.1.0
remote:       Downloading scipy-1.8.0-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (42.3 MB)
remote:     Collecting numpy>=1.14.6
remote:       Downloading numpy-1.22.3-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (16.8 MB)
remote:     Collecting joblib>=0.11
remote:       Downloading joblib-1.1.0-py2.py3-none-any.whl (306 kB)
remote:     Collecting MarkupSafe>=2.0
remote:       Downloading MarkupSafe-2.1.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (25 kB)
remote:     Installing collected packages: numpy, MarkupSafe, Werkzeug, threadpoolctl, scipy, joblib, Jinja2, itsdangerous, click, scikit-learn, gunicorn, flask
remote:       Successfully installed Jinja2-3.1.1 MarkupSafe-2.1.1 Werkzeug-2.1.1 click-8.1.2 flask-2.1.1 gunicorn-20.1.0 itsdangerous-2.1.2 joblib-1.1.0 numpy-1.22.3
scikit-learn-1.0.2 scipy-1.8.0 threadpoolctl-3.1.0
remote:     ----> Discovering process types
remote:     Procfile declares types > web
remote:     ----> Compressing...
remote:     Done: 150.7M
remote:     ----> Launching...
remote:     Released v3
remote:     https://sarinaheroku.herokuapp.com/ deployed to Heroku
remote:     Verifying deploy... done.
To https://git.heroku.com/sarinaheroku.git
 * [new branch]      main -> main
C:\Users\Asus\dts-linreg>
```

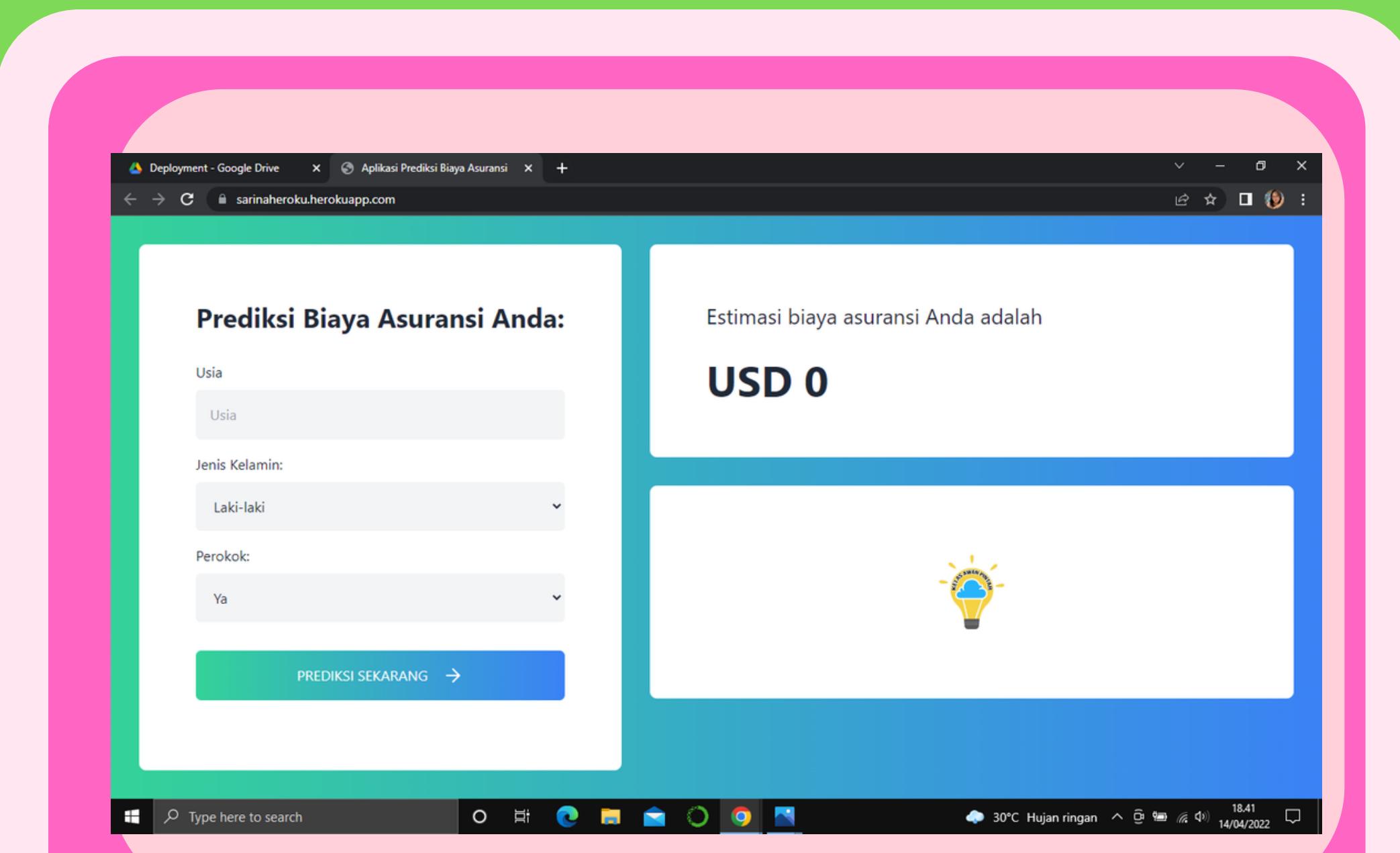
Setelah git push heroku main, maka akan muncul tampilan seperti di samping dan tunggu sampai deployment done.

Step 17

Jika sudah berhasil maka hasilnya akan seperti tampilan di samping. Dan kita telah berhasil melakukan deployment aplikasi menggunakan heroku.



Step 18



Jika sudah berhasil maka hasilnya akan seperti tampilan di samping. Dan kita telah berhasil melakukan deployment aplikasi menggunakan heroku.

THANKS

