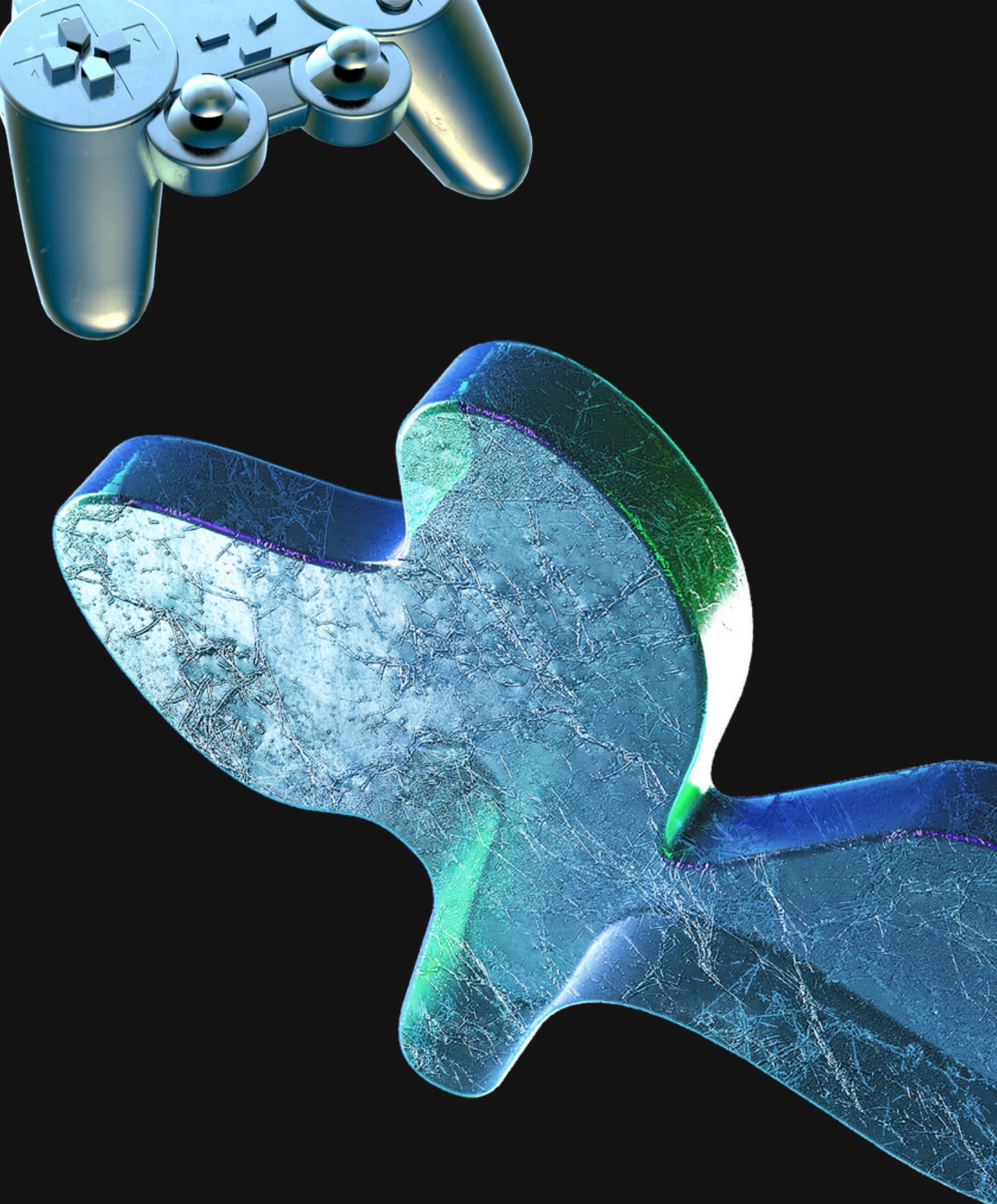


update: 04 April 2022



Deployment Model di Heroku

Create by: Sitti Halimah (JumaTec Class)





profil



Nama saya Sitti Halimah biasa dipanggil iim, saya merupakan mahasiswa aktif ekonomi syariah Universitas Trunojoyo Madura. Pengalaman internal yakni pada organisasi unit kegiatan mahasiswa Triple-C yang bergerak dalam kegiatan IT dan multimedia selama 2 tahun. Pengalaman eksternal yakni sebagai Founder bussines vendor fotografi wedding @trim.official.id selama 2 tahun. Saat ini mengikuti program kampus merdeka di PT Orbit Foundations of AI and Life Skills fot Gen-Z dimana saya ingin mendalami tentang dunia baru yakni dunia programmer khususnya programmer pada e-commerce.

Email: halimahsitti2810@gmail.com

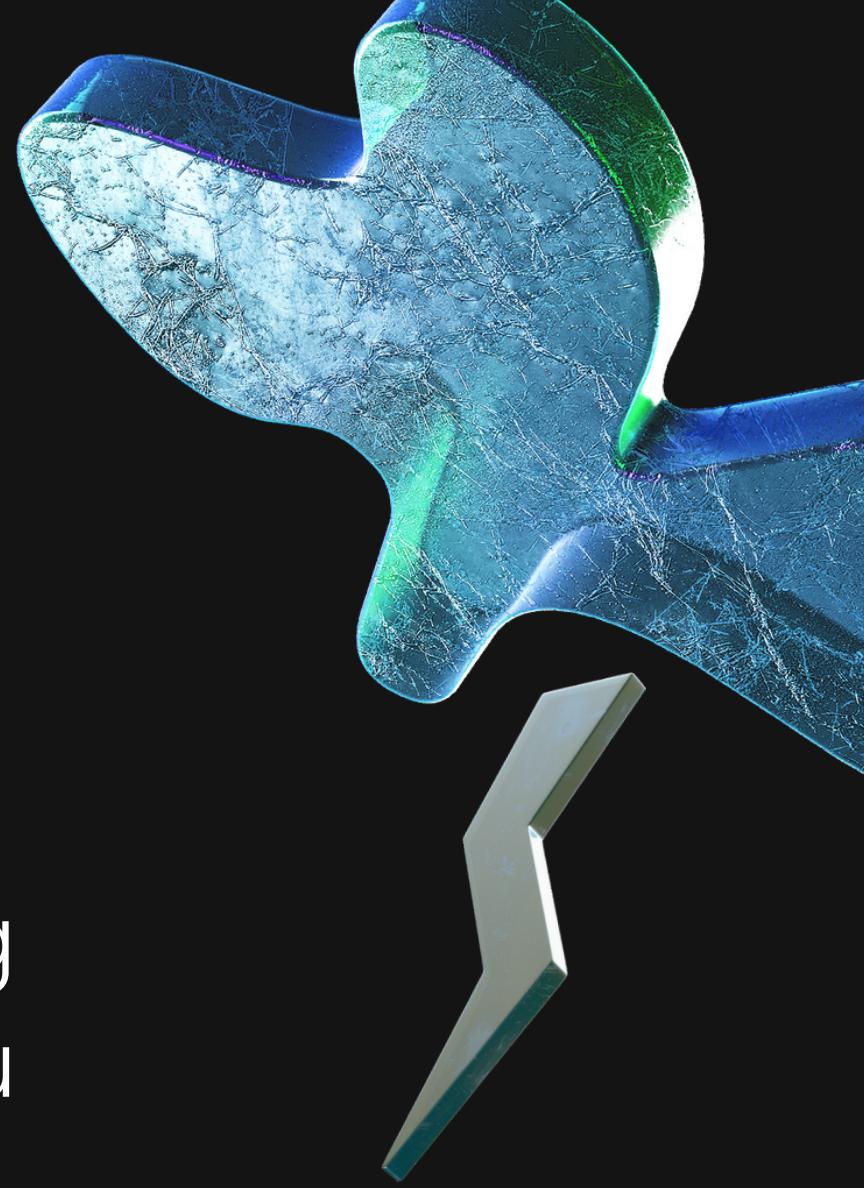
Linked: www.linkedin.com/in/sittihalimah-07268b221

Github: <https://github.com/halimahsitti/StudilIndependen.git>

APA ITU HEROKU?

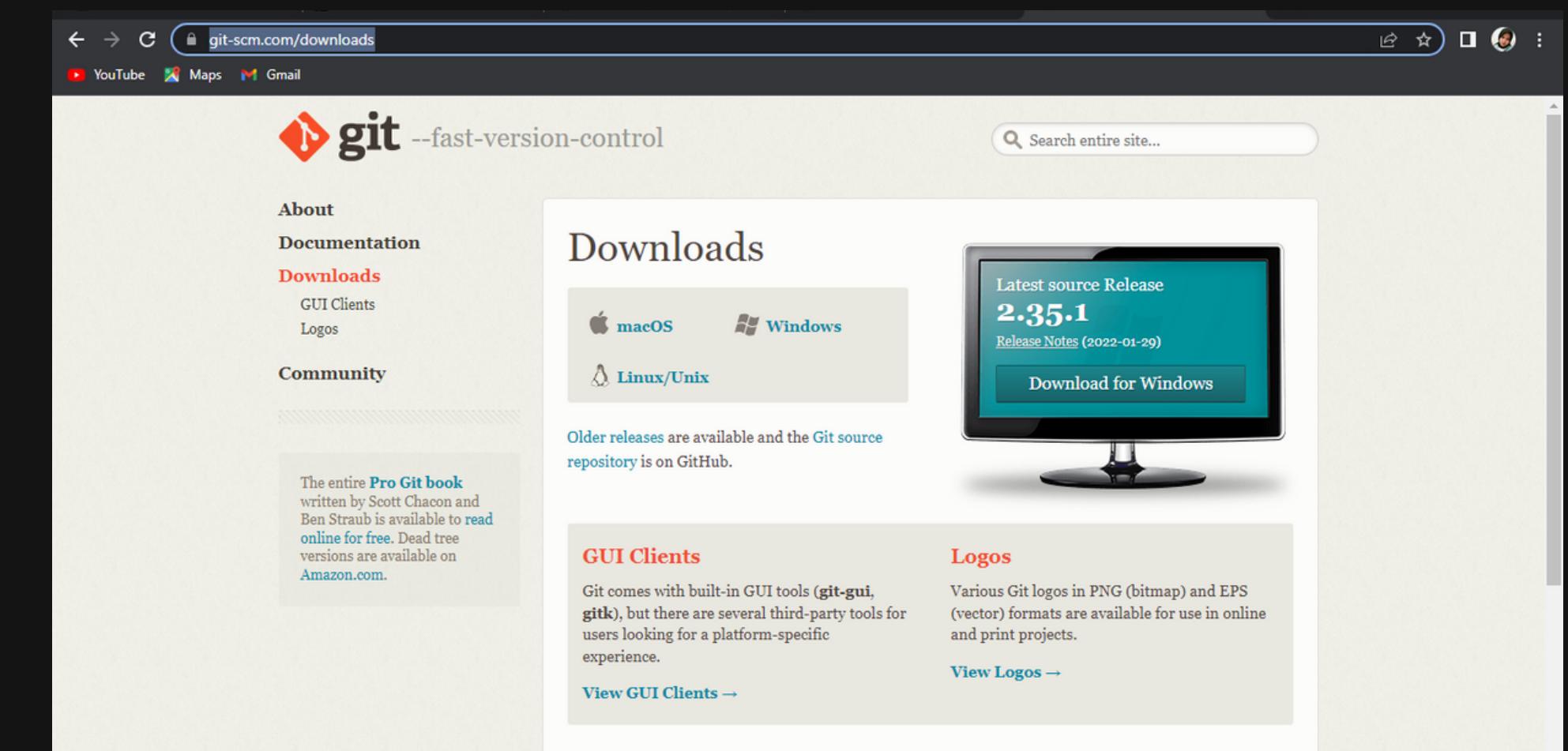


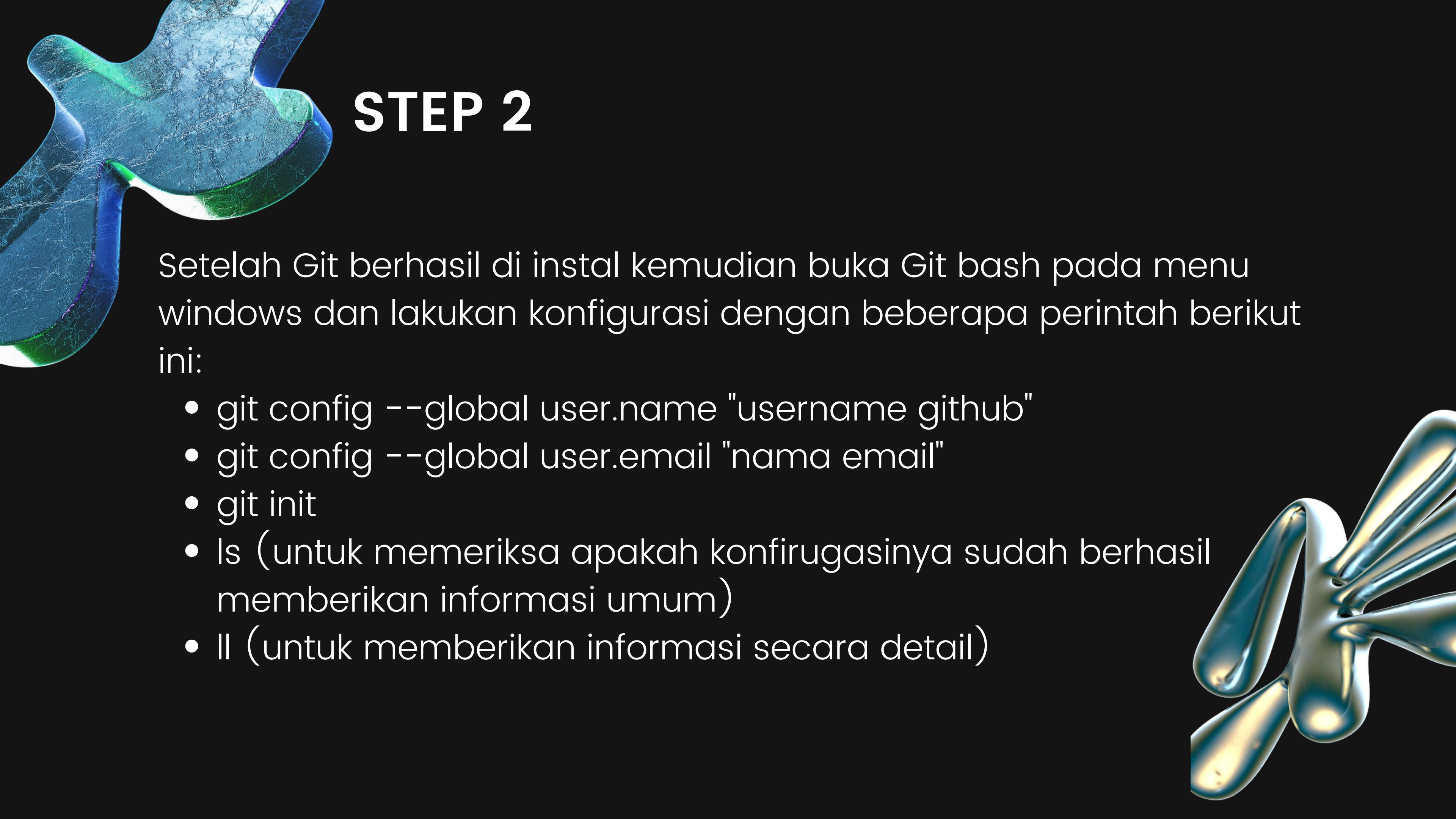
Heroku adalah sebuah cloud platform yang menjalankan bahasa pemrograman tertentu, Heroku mendukung bahasa pemrograman seperti Ruby, Node.js, Python, Java, PHP, dan lain-lain. sehingga bagi kita yang ingin melakukan deploy aplikasi ke heroku cukup hanya dengan melakukan konfigurasi aplikasi yang ingin dideploy.



STEP 1

- Pastikan anda sudah mendownload aplikasi Git pada laman berikut ini:
<https://git-scm.com/download>
- Silahkan download sesuai dengan kebutuhan anda, mac, linux, atau windows
- Kemudian Instal Aplikasi git pada pc anda





STEP 2

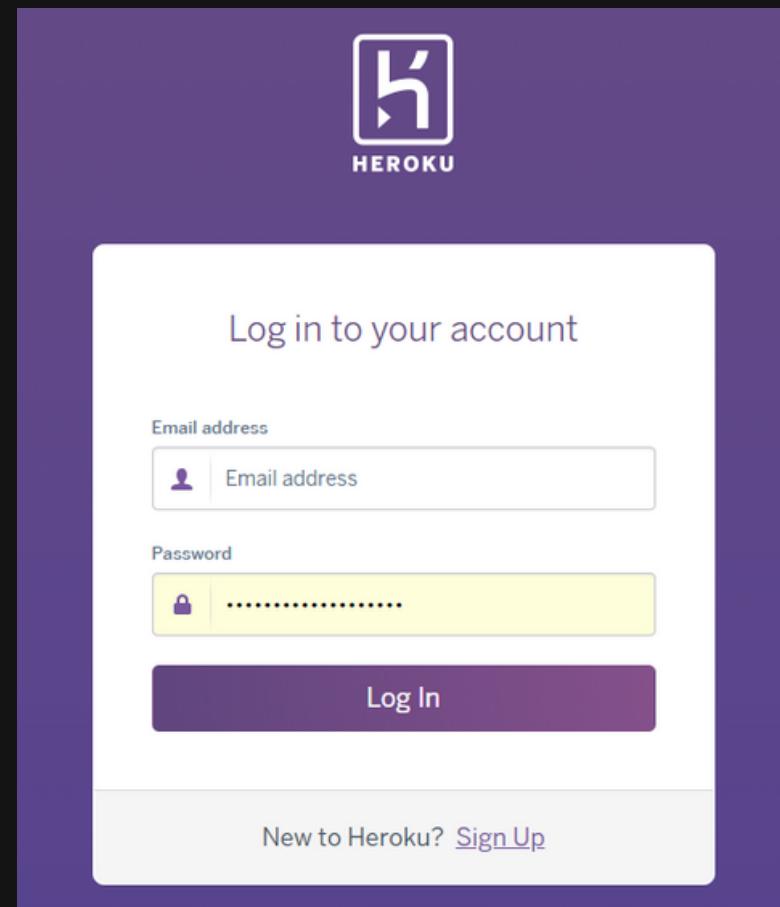
Setelah Git berhasil di instal kemudian buka Git bash pada menu windows dan lakukan konfigurasi dengan beberapa perintah berikut ini:

- git config --global user.name "username github"
- git config --global user.email "nama email"
- git init
- ls (untuk memeriksa apakah konfirugasinya sudah berhasil memberikan informasi umum)
- ll (untuk memberikan informasi secara detail)

STEP 3

Pada step selanjutnya adalah sebagai berikut:

- silahkan buat akun di heroku.com
- kemudian instal heroku CLI melalui laman devcenter.heroku.com



untuk sign in akun heroku

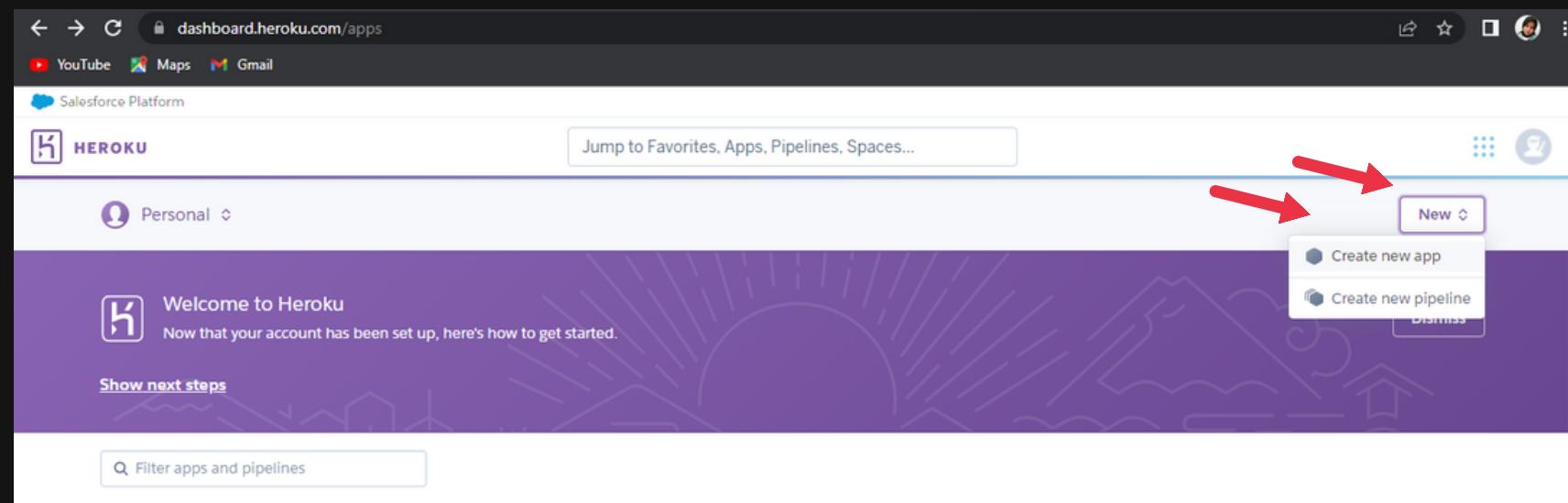
A screenshot of the Heroku Dev Center 'The Heroku CLI' page. The page has a dark header with the Heroku logo and navigation links like 'Get Started', 'Documentation', 'Changelog', and 'More'. A sidebar on the left lists categories such as 'Heroku Architecture', 'Command Line' (which is selected), 'Deployment', 'Continuous Delivery', 'Language Support', and 'Databases & Data Management'. The main content area shows the title 'The Heroku CLI' and a note 'Last updated February 01, 2022'. Below this is a 'Table of Contents'. To the right, there are sections for 'macOS' and 'Windows'. The 'macOS' section contains a terminal command: '\$ brew tap heroku/brew && brew install heroku'. The 'Windows' section says 'Download the appropriate installer for your Windows installation:' followed by '64-bit installer' and '32-bit installer' buttons. Red arrows from the left side point to the 'Log In' button and the 'Windows' section. A red arrow from the right points to the '32-bit installer' button.

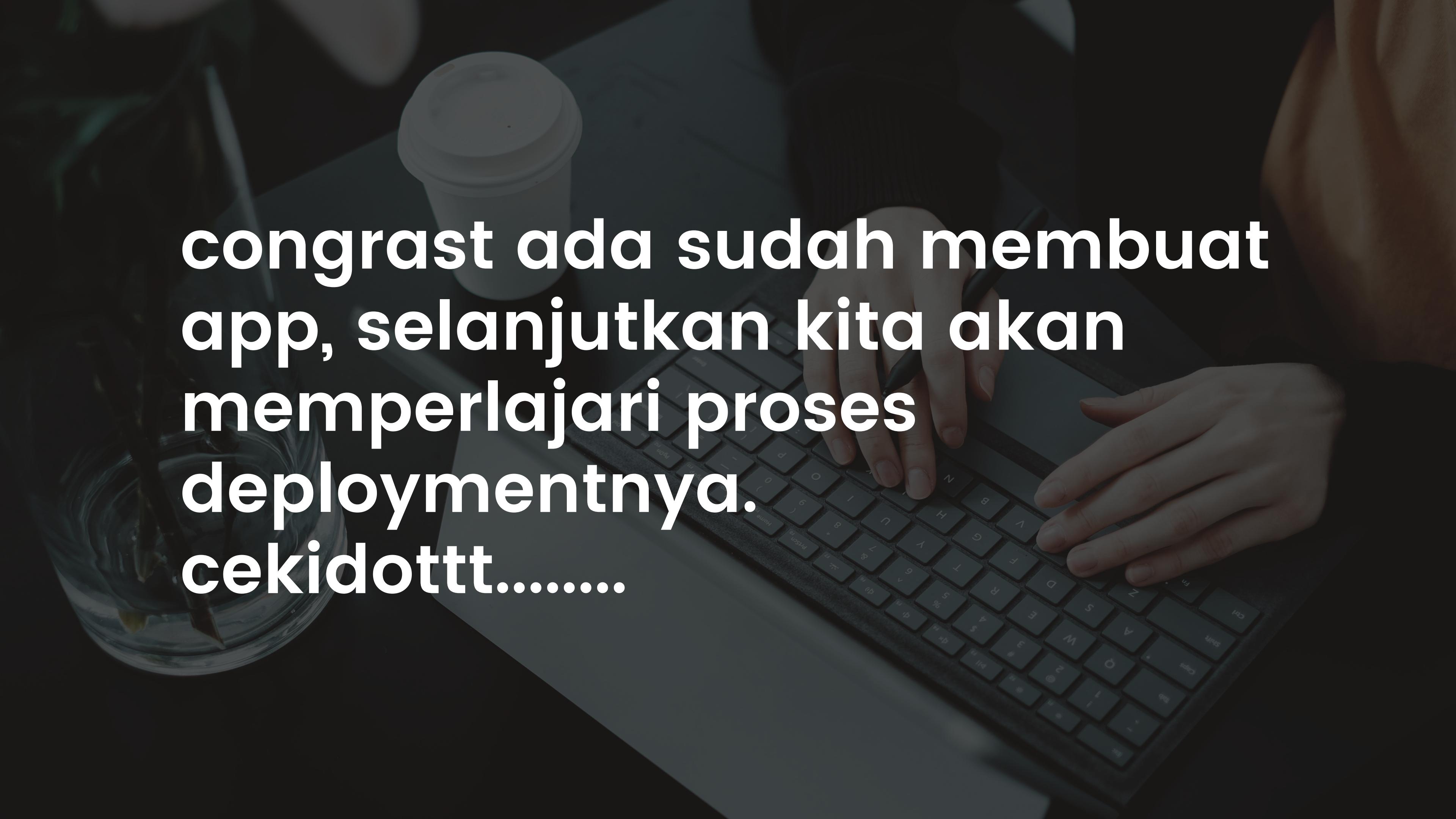
setelah menampilkan menu ini, scroll hingga menemukan menu untuk download Heroku CLI

Kemudian silahkan di download

STEP 4

Pada step ke 4, pada laman dashboard.heroku.com silahkan klik "create new app" untuk membuat app baru kemudian isi app name sesuai dengan keinginan. lalu klik "create app".

A screenshot of the 'Create New App' form. It has fields for 'App name' (containing 'app-name'), 'Choose a region' (set to 'United States'), and a 'Create app' button. A red arrow points to the 'Create app' button.

A dark, moody photograph showing a person's hands typing on a black computer keyboard. In the upper left corner, a white paper cup with a lid sits on a surface. The background is dark and out of focus.

congrast ada sudah membuat
app, selanjutkan kita akan
memperlajari proses
deploymentnya.
cekidottt.....

STEP 5

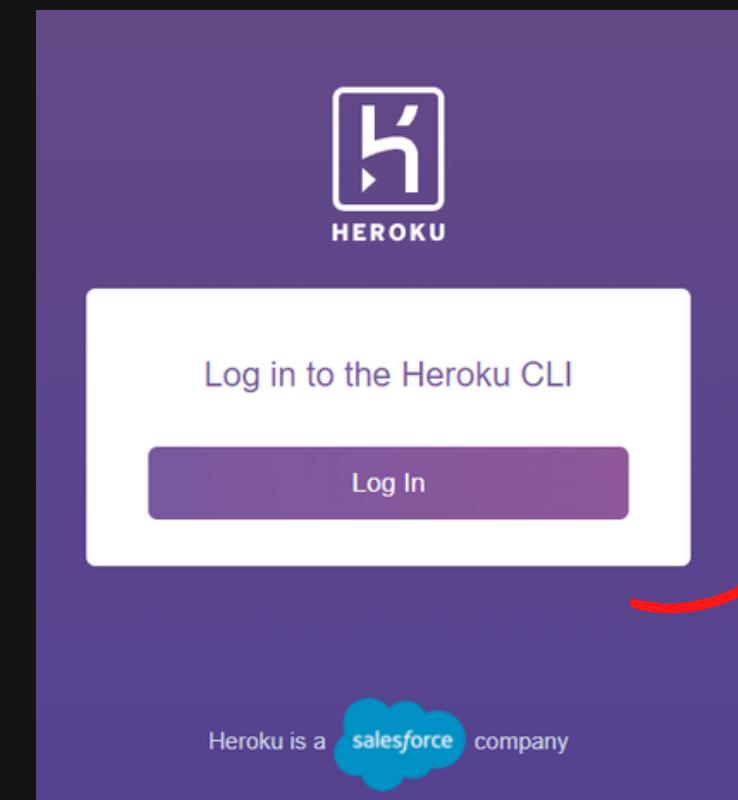
Setelah berhasil create app silahkan buka "git bash/git cmd" di laman windows kalian!!



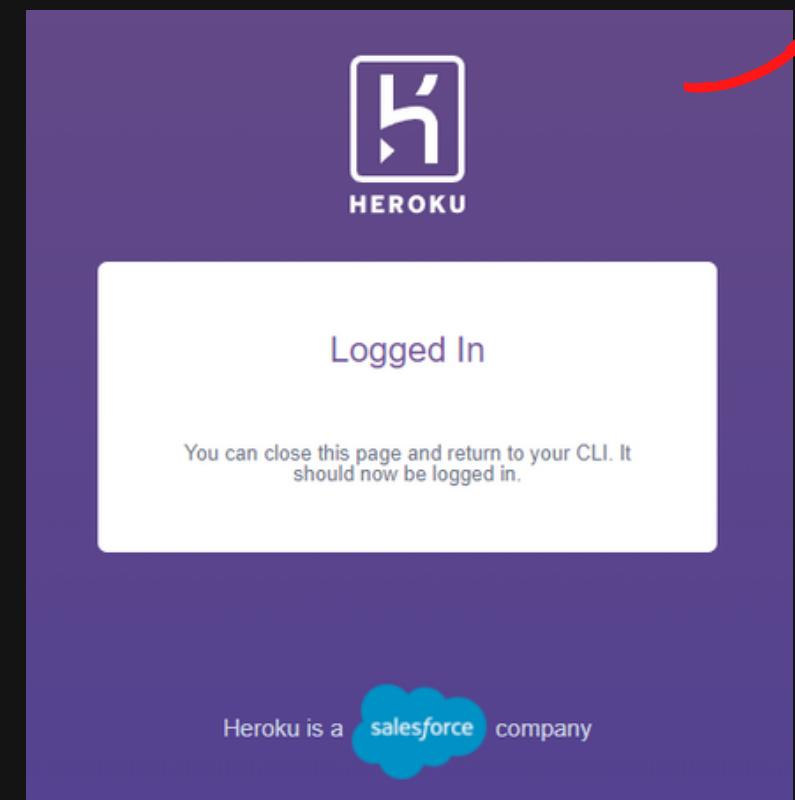
```
Select Git CMD - heroku login - heroku git:remote -a linearregresion - "C:\Program Files\Git\cmd\git.exe" push heroku main
C:\Users\ASUS>heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/110bbdb4-d8f9-4ae7-8205-28c84e991057?requestor=SFMyNTY.g2gDbQAAAwzNi44MS4yMDYuMzBuBgAwFnD1fwFiAAFRgA.iu
rX-M_DSYweN4tQquLFLytzTFvLy25iDFBRos0Iix0
Logging in... done
Logged in as halimahsitti2810@gmail.com
```

tampilan log in berhasil

Lalu ketik perintah "heroku login" hingga muncul tampilan menu login pada laman heroku, silahkan login hingga menampilkan tampilan berhasil login.



tampilan
heroku
login



tampilan log in berhasil

STEP 6

Setelah berhasil verifikasi login heroku, anda bisa membuka laman app yang sudah kalian buat tadi pada tools "deployment" lalu scroll hingga pada tampilan "instal the heroku CLI" untuk menemukan code codingan.

Kemudian kembali lagi pada git bash/ git CMD untuk melanjutkan perintah:

- cd dts-linreg
- git init
- heroku git:clone -a linearregresion
- git add .
- git commit -am "make it better"
- git push heroku main

The screenshot shows a section of the Heroku website titled "Install the Heroku CLI". It includes instructions to download and install the Heroku CLI, log in to your account, and create a new SSH public key. It also provides command-line examples for logging in (\$ heroku login), cloning the repository (\$ heroku git:clone -a linearregresion \$ cd linearregresion), and deploying changes (\$ git add . \$ git commit -am "make it better" \$ git push heroku master).

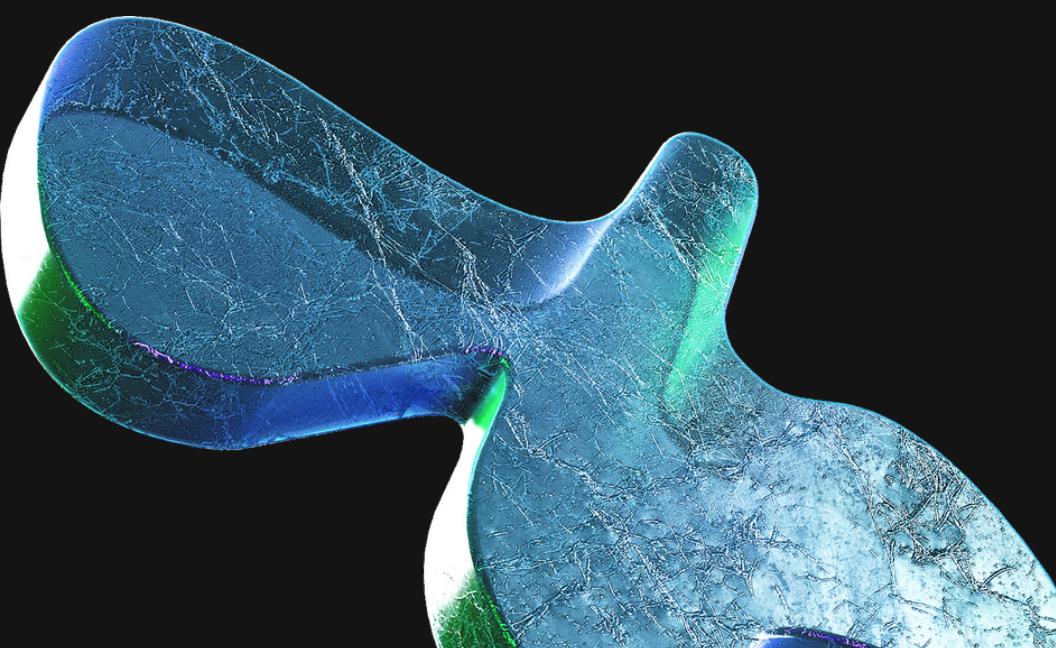
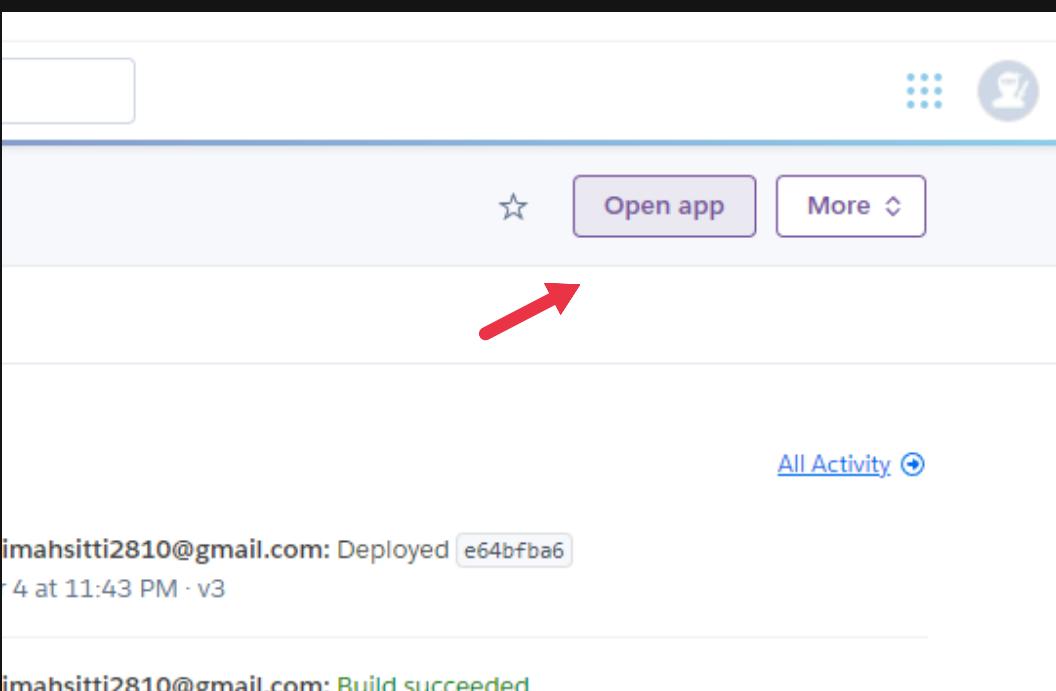
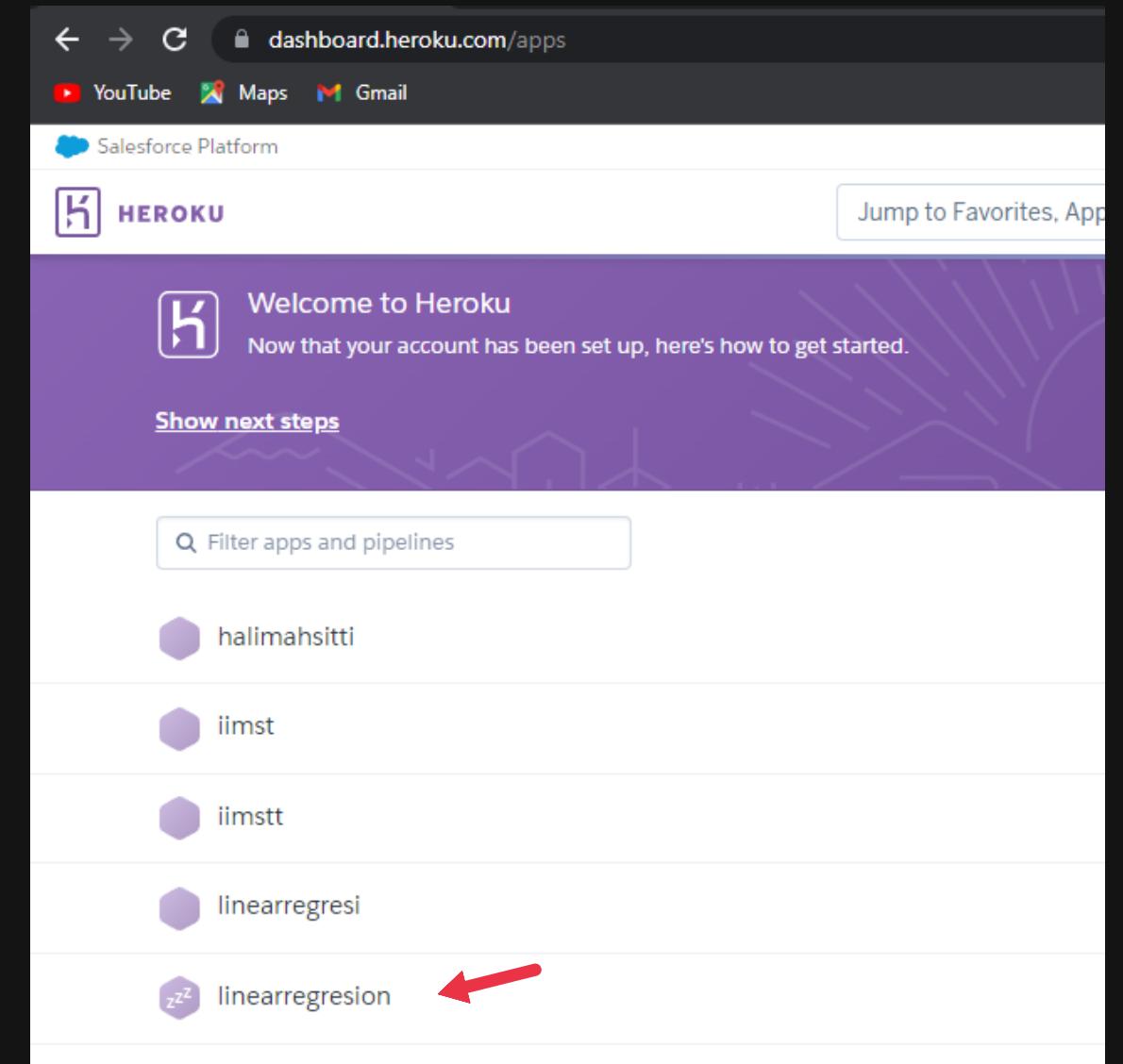
```
--  
C:\Users\ASUS>cd dts-linreg  
C:\Users\ASUS\dts-linreg>git init  
Reinitialized existing Git repository in C:/Users/ASUS/dts-linreg/.git/  
C:\Users\ASUS\dts-linreg>heroku git:remote -a linearregresion  
set git remote heroku to https://git.heroku.com/linearregresion.git  
C:\Users\ASUS\dts-linreg>git add .  
C:\Users\ASUS\dts-linreg>git commit -am "make it better"  
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 8 threads  
Compressing objects: 100% (8/8), done.  
Writing objects: 100% (18/18), 4.66 KiB | 4.66 MiB/s, done.  
Total 18 (delta 5), reused 18 (delta 5), pack-reused 0  
remote: Compressing source files... done.  
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
```

tampilan codingan
pada git CMD



STEP 7

terakhir, setelah codingannya sukses kemudian cek app yang sudah kalian buat di heroku dengan klik nama aplikasi yang kalian buat cth: "linearregresion" lalu klik "open app" maka akan menampilkan app yang sudah berhasil kalian buat.



Berikut adalah tampilan app setelah berhasil di deployment.

The screenshot shows a web browser window with the URL `linearregresion.herokuapp.com`. The page has a teal header and a white main content area. On the left, there's a form titled "Prediksi Biaya Asuransi Anda:" with fields for "Usia" (Age), "Jenis Kelamin:" (Gender selected as "Laki-laki"), and "Perokok:" (Smoker selected as "Ya"). Below the form is a green button labeled "PREDIKSI SEKARANG →". On the right, the results are displayed: "Estimasi biaya asuransi Anda adalah" followed by a large bold "USD 0". A small yellow lightbulb icon with the text "RELAS AMAN PINTAR" is positioned below the result. The browser's address bar shows other tabs like YouTube, Maps, and Gmail.



A dark, moody photograph showing a person's hands typing on a black keyboard. In the background, there's a white paper cup with a lid and a clear glass filled with water. The lighting is dramatic, coming from the side.

Semoga Berhasil
Thank you

