

DEPLOYMENT WITH HEROKU

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PROFIL

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<https://github.com/rismamufa/rismamufa>



<https://www.instagram.com/rismamufa/>

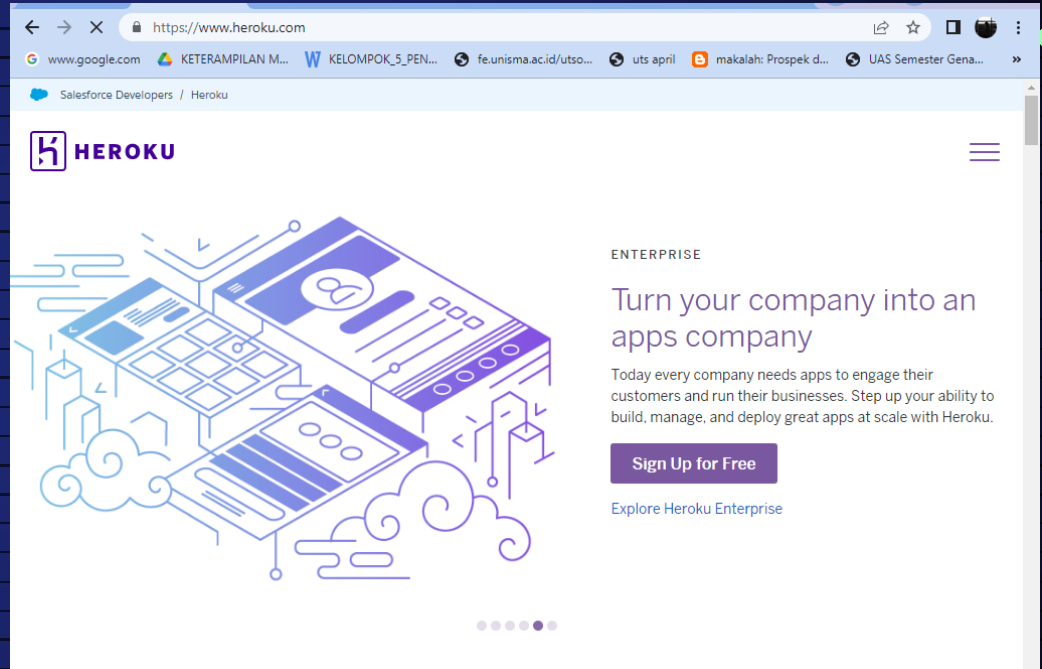
Heroku adalah sebuah cloud platform yang menjalankan bahasa pemrograman tertentu, Heroku mendukung bahasa pemrograman seperti Ruby, Node.js, Python, Java, PHP, dan lain-lain

Deployment adalah kegiatan yang bertujuan untuk menyebarkan aplikasi yang telah dikerjakan oleh para programmer. Cara penyebarannya pun beragam, tergantung dari jenis aplikasinya

Git adalah sistem kendali versi terdistribusi, yang berarti semua codebase dan riwayat kode akan tersedia di komputer setiap developer untuk memudahkan pembuatan branch dan penggabungan. **Git** dikembangkan oleh Linus Torvalds pada tahun 2005, dan merupakan inti atau jantung **GitHub**

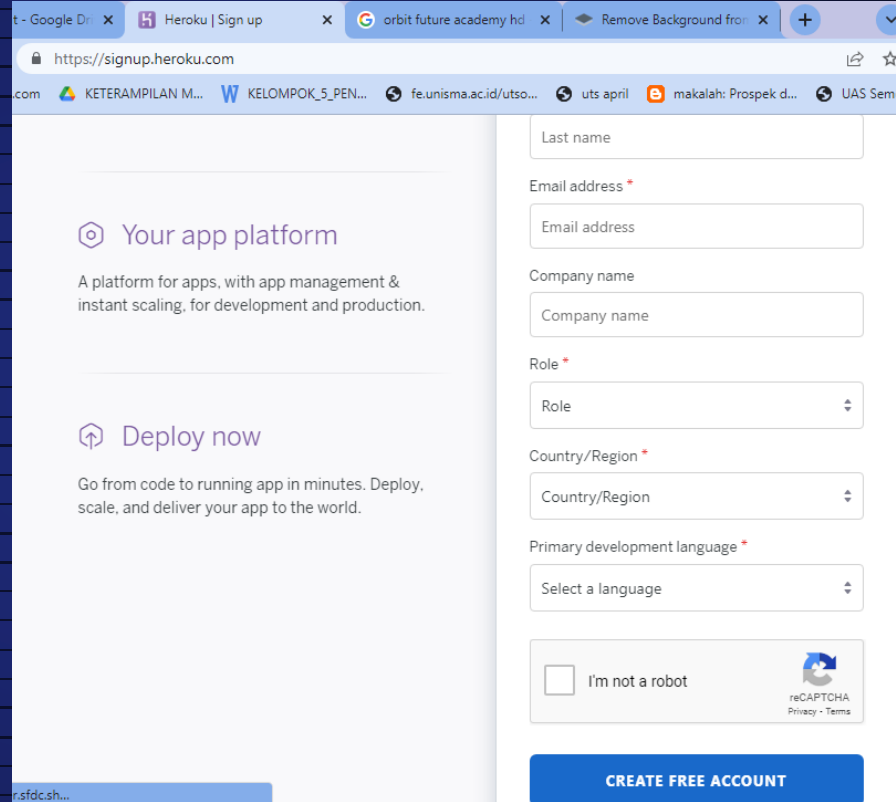
STEP 1

Buka website <https://www.heroku.com/>
Lalu **Sign Up For Free** untuk membuat akun heroku



STEP 2

Isilah biodata diri lalu
"Creat Free Account"



The screenshot shows the Heroku sign-up page in a web browser. The browser's address bar displays 'https://signup.heroku.com'. The page layout includes a left sidebar with the Heroku logo and two main sections: 'Your app platform' and 'Deploy now'. The 'Your app platform' section describes Heroku as a platform for apps with management and scaling capabilities. The 'Deploy now' section highlights the ease of deploying and scaling applications. The right sidebar contains a form with the following fields: 'Last name', 'Email address' (with an asterisk indicating it is required), 'Company name', 'Role' (with a dropdown arrow), 'Country/Region' (with a dropdown arrow), and 'Primary development language' (with a dropdown arrow). Below these fields is a reCAPTCHA checkbox labeled 'I'm not a robot' and a link to 'Privacy - Terms'. At the bottom right, there is a prominent blue button labeled 'CREATE FREE ACCOUNT'.

Heroku | Sign up

https://signup.heroku.com

Your app platform

A platform for apps, with app management & instant scaling, for development and production.

Deploy now

Go from code to running app in minutes. Deploy, scale, and deliver your app to the world.

Last name

Email address *

Email address

Company name

Company name

Role *

Role

Country/Region *

Country/Region

Primary development language *

Select a language

☐ I'm not a robot

reCAPTCHA Privacy - Terms

CREATE FREE ACCOUNT



STEP 3

Setelah verifikasi akun di email, lalu buatlah password dan kemudian log in

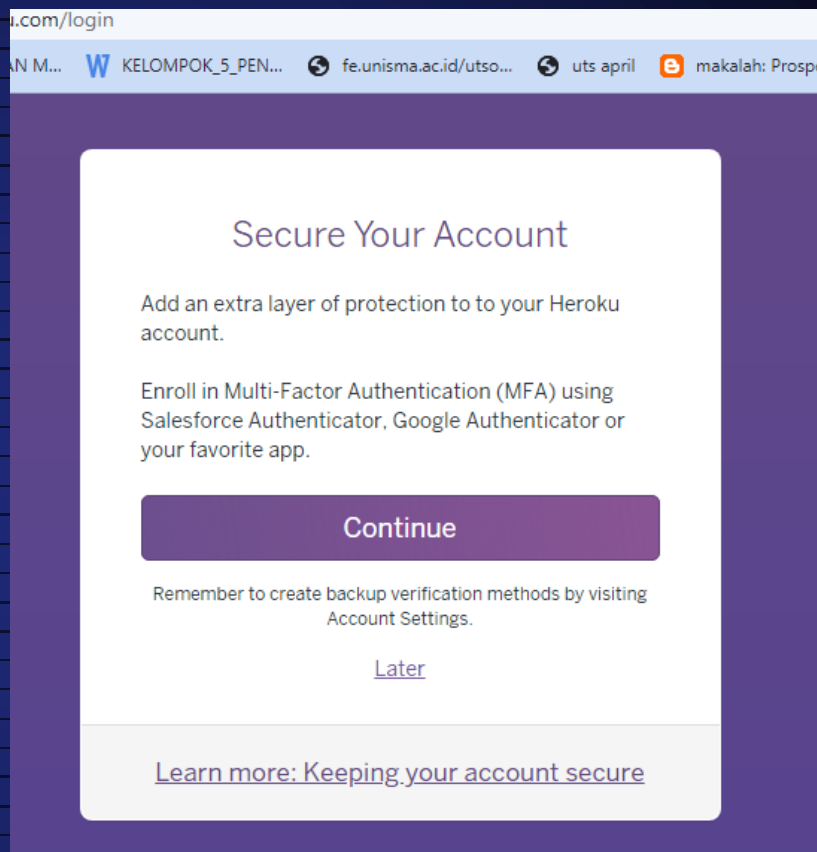
The screenshot shows the Heroku login page in a web browser. The browser's address bar displays 'https://id.heroku.com/login'. The page has a purple background with the Heroku logo at the top center. A white login form is centered on the page. The form contains the following elements:

- The text 'Log in to your account' at the top of the form.
- An 'Email address' label above a text input field containing 'rismamufarohah@gmail.com'.
- A 'Password' label above a password input field with masked characters '.....'.
- A purple 'Log In' button.
- A link 'New to Heroku? Sign Up' at the bottom of the form.

Below the login form, there are links for 'Log in via SSO' and 'Forgot your password?'.

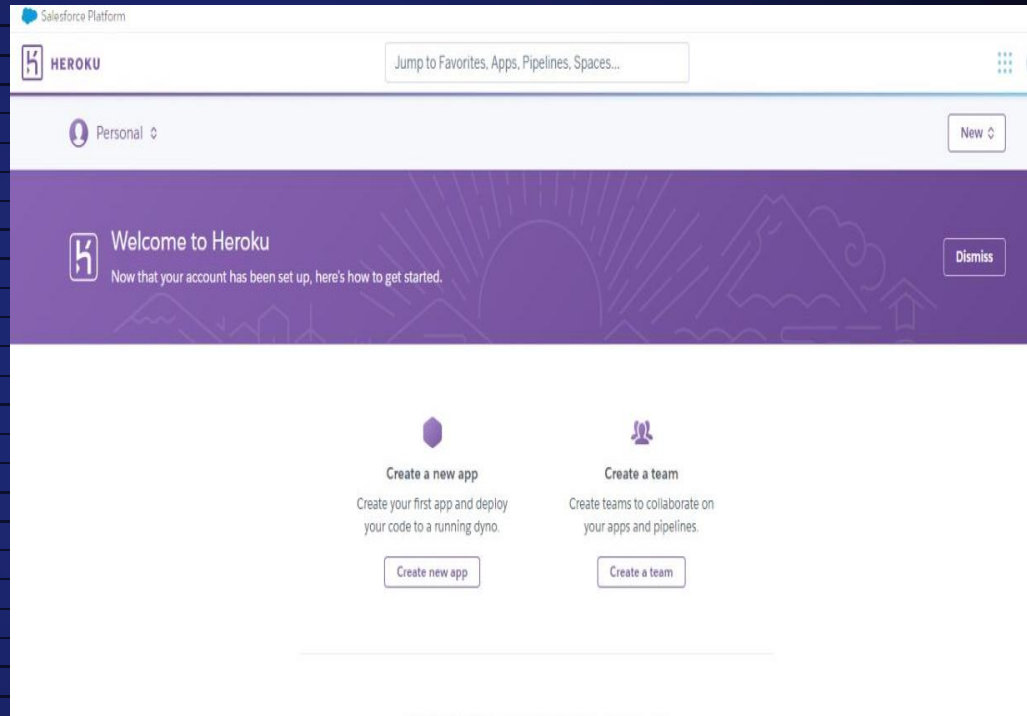
STEP 4

Setelah Log in, akan muncul seperti gambar di samping. Lalu klik "Continue" untuk melanjutkan



STEP 5

Selanjutnya buat aplikasi dengan
mengklik "Creat New App"





STEP 6

Isi nama aplikasi yang akan kita
buat sesuai keinginan dan klik
"Creat App"

The screenshot shows the Heroku 'Create New App' interface. At the top, there's a navigation bar with the Heroku logo and a search bar. Below this, the title 'Create New App' is centered. The form contains three main sections: 1. 'App name' with a text input field and a green checkmark icon to its right. 2. 'Choose a region' with a dropdown menu showing 'United States' and a small globe icon. 3. 'Add this app to a pipeline' with a dropdown menu showing 'Choose a pipeline' and a small globe icon. At the bottom of the form is a purple button labeled 'Create app'.

Salesforce Platform

HEROKU

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

Create New App

App name

lutfhoanjan1 is available

Choose a region

United States

Add this app to a pipeline

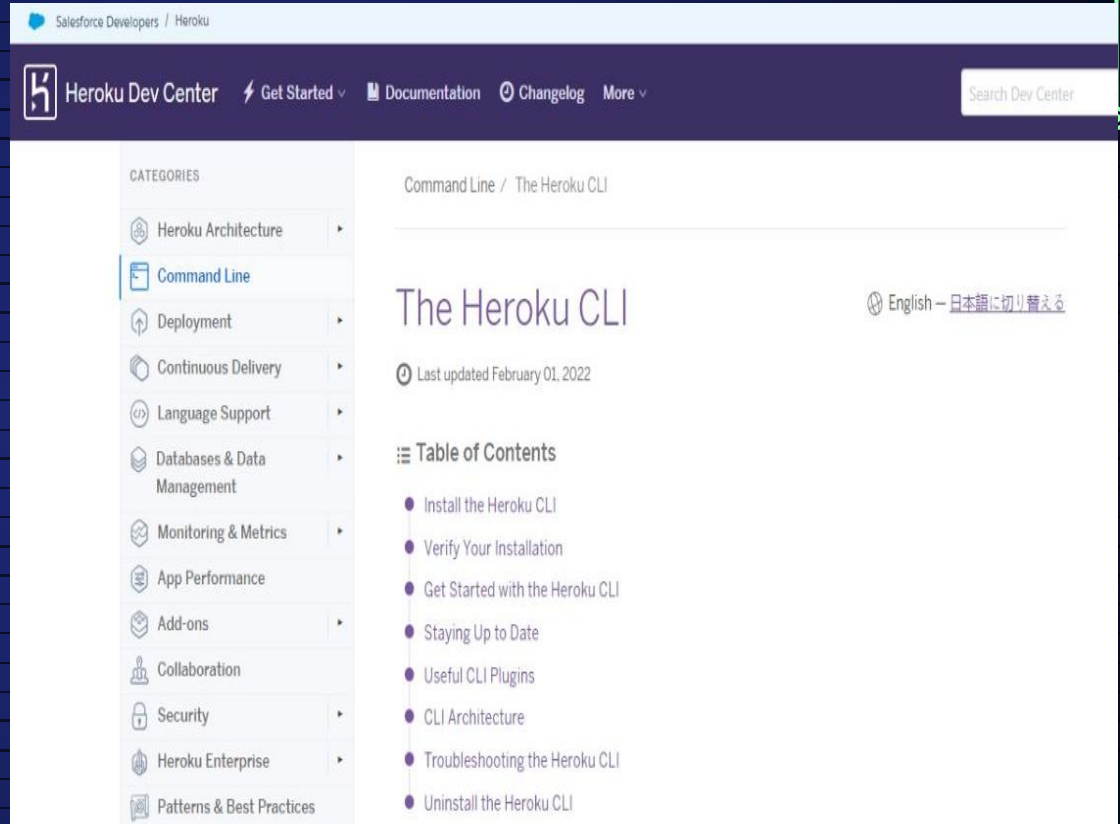
Pipelines form a continuous deployment workflow and enable additional features. [Learn more.](#)

Choose a pipeline

Create app

STEP 7

Selanjutnya download aplikasi
Heroku CLI



The screenshot displays the Heroku Dev Center website. The top navigation bar includes the Heroku logo, "Salesforce Developers / Heroku", and links for "Heroku Dev Center", "Get Started", "Documentation", "Changelog", and "More". A search bar is located on the right. The left sidebar lists various categories, with "Command Line" selected and highlighted. The main content area is titled "Command Line / The Heroku CLI" and features a language toggle for "English" and "日本語に切り替える". Below this, it states "Last updated February 01, 2022". A "Table of Contents" section lists the following topics: "Install the Heroku CLI", "Verify Your Installation", "Get Started with the Heroku CLI", "Staying Up to Date", "Useful CLI Plugins", "CLI Architecture", "Troubleshooting the Heroku CLI", and "Uninstall the Heroku CLI".

Salesforce Developers / Heroku

Heroku Dev Center ⚡ Get Started ▾ 📖 Documentation 🔄 Changelog More ▾

Search Dev Center

CATEGORIES

- Heroku Architecture ▸
- Command Line**
- Deployment ▸
- Continuous Delivery ▸
- Language Support ▸
- Databases & Data Management ▸
- Monitoring & Metrics ▸
- App Performance
- Add-ons ▸
- Collaboration
- Security ▸
- Heroku Enterprise ▸
- Patterns & Best Practices

Command Line / The Heroku CLI

The Heroku CLI 🌐 English — [日本語に切り替える](#)

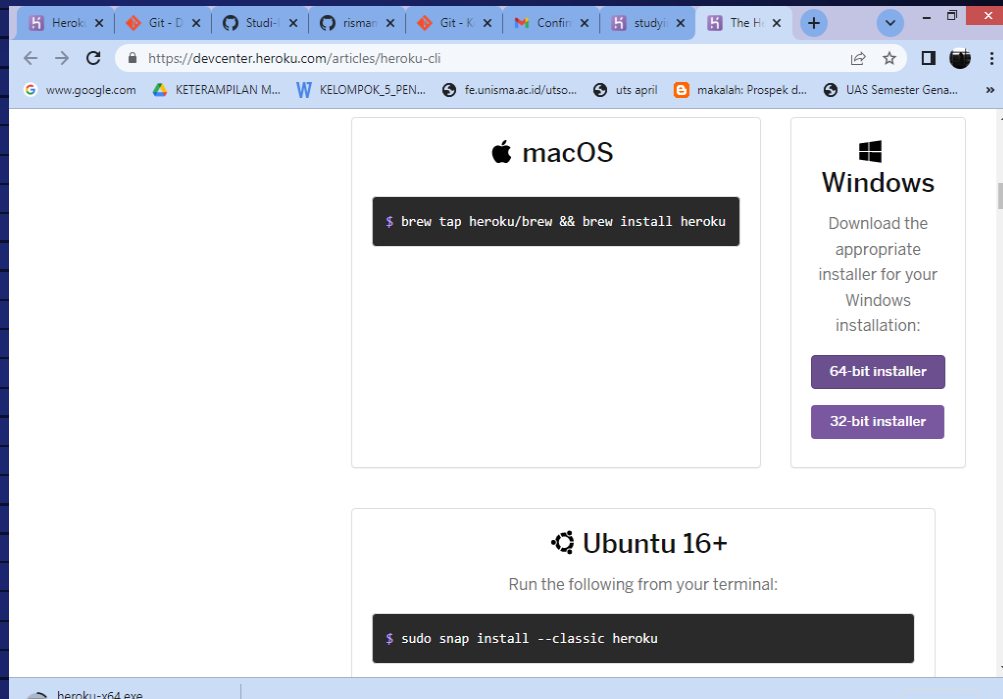
🕒 Last updated February 01, 2022

☰ Table of Contents

- Install the Heroku CLI
- Verify Your Installation
- Get Started with the Heroku CLI
- Staying Up to Date
- Useful CLI Plugins
- CLI Architecture
- Troubleshooting the Heroku CLI
- Uninstall the Heroku CLI

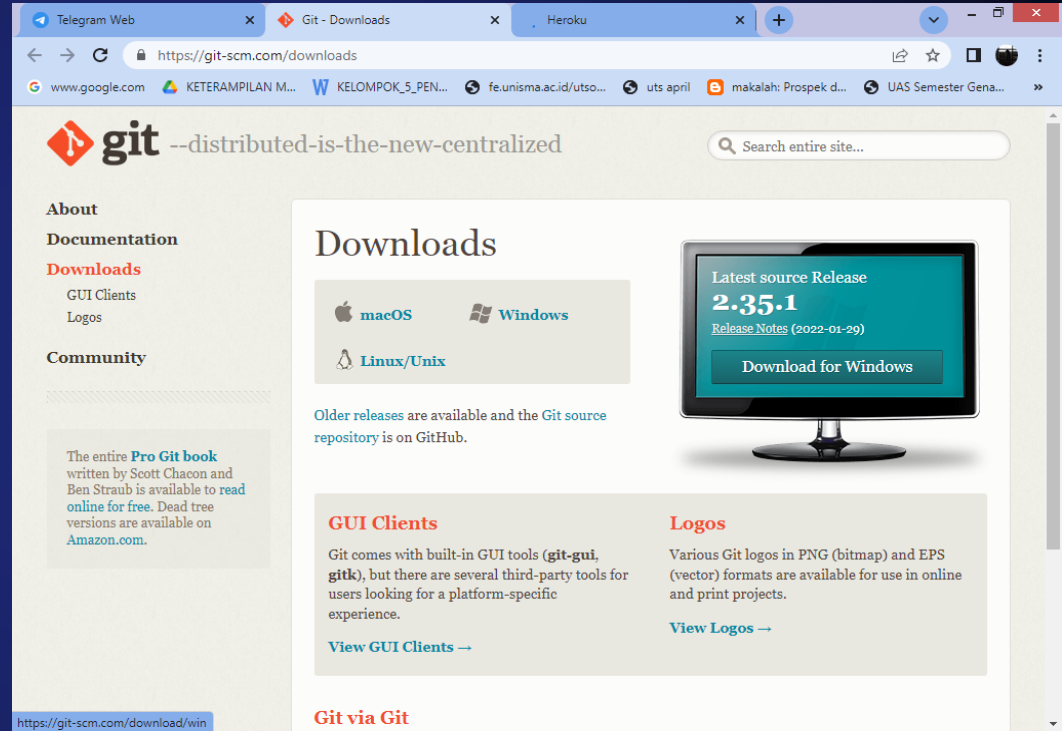
STEP 8

Unduh software dengan klik 64-bit installer (atau sesuaikan dengan spec laptop). Lalu buka dan install (klik next saja sampai instalasi selesai)



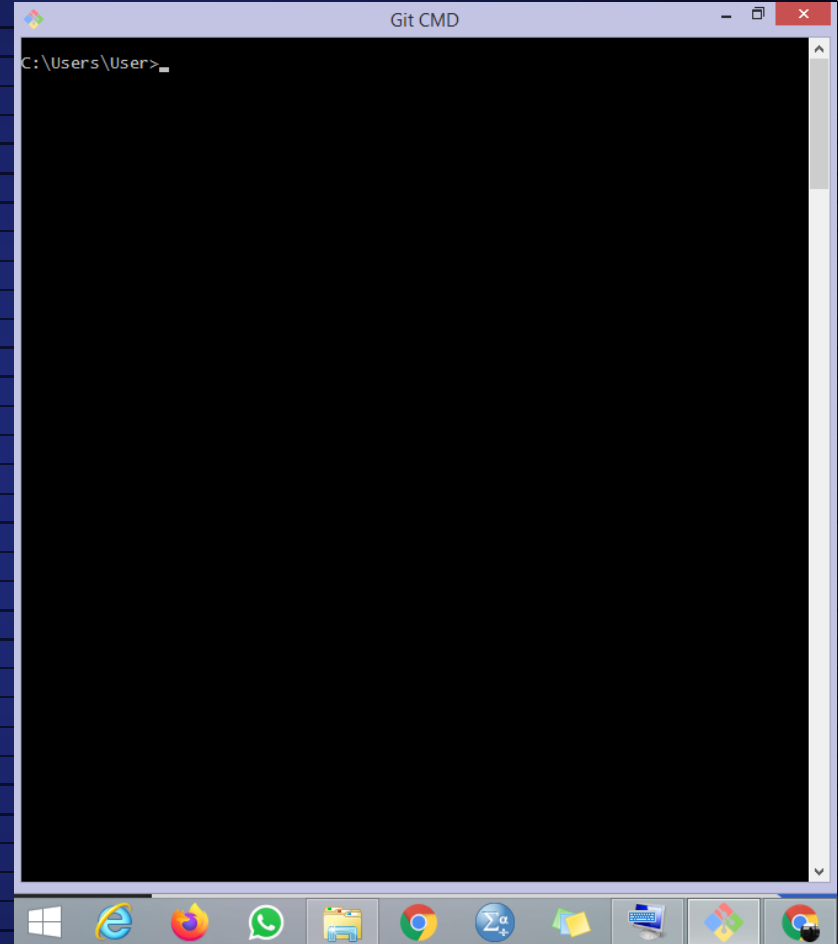
STEP 9

Untuk mendownload git klik link berikut :
<https://git-scm.com/downloads>
Lalu Klik "Download for Windows".
Kemudian buka dan install (klik next
saja sampai instalasi selesai)



STEP 10

Setelah instalasi selesai lalu buka Git CMD
dan muncul seperti gambar di samping

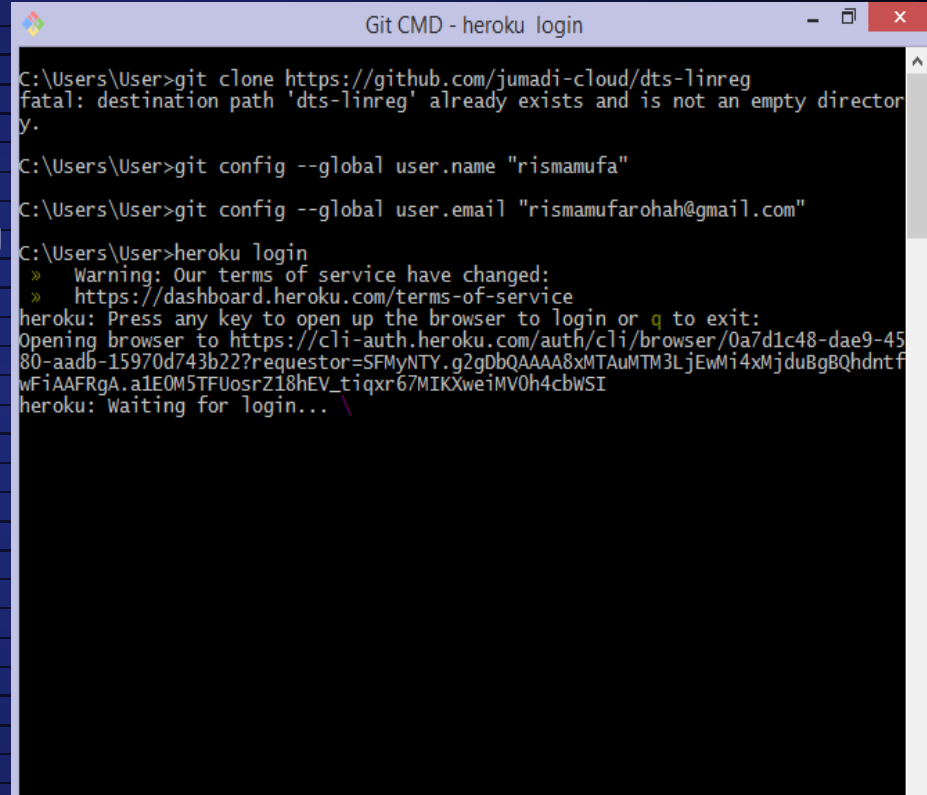


STEP 11

Kemudian Ketik perintah berikut ini :

- git clone https://github.com/jumadi-cloud/dts-linreg
- git config--global user.name "username github milikmu"
- git config--global user.email "nama emailmu"
- heroku login

Setelah itu enter saja dan akan diarahkan ke browser untuk login heroku



```
Git CMD - heroku login

C:\Users\User>git clone https://github.com/jumadi-cloud/dts-linreg
fatal: destination path 'dts-linreg' already exists and is not an empty directory.

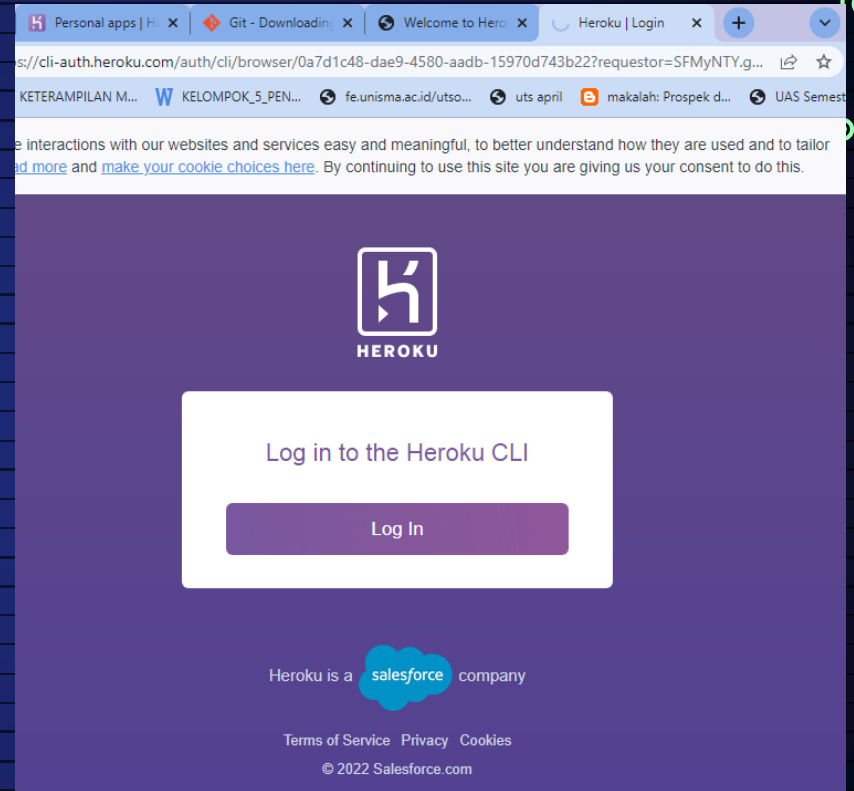
C:\Users\User>git config --global user.name "rismamufa"

C:\Users\User>git config --global user.email "rismamufarohah@gmail.com"

C:\Users\User>heroku login
> Warning: Our terms of service have changed:
> https://dashboard.heroku.com/terms-of-service
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/0a7d1c48-dae9-4580-aadb-15970d743b22?requestor=SFMyNTY.g2gDbQAAAA8xMTAuMTM3LjEwMi4xMjduBgBQhdntf
wFiAAFRgA.a1E0M5TFUosrZ18hEV_tiqxr67MIKXweiMV0h4cbWSI
heroku: Waiting for login...
```

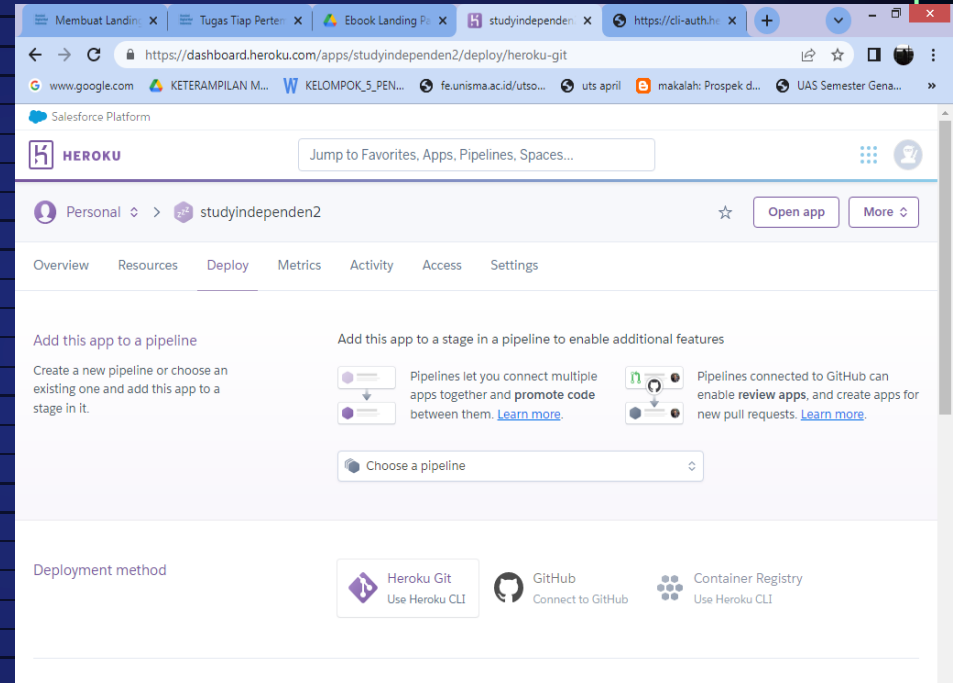
STEP 12

Dan akan muncul seperti gambar di samping, lalu klik "Log in" dan kita akan kembali ke web Heroku



STEP 13

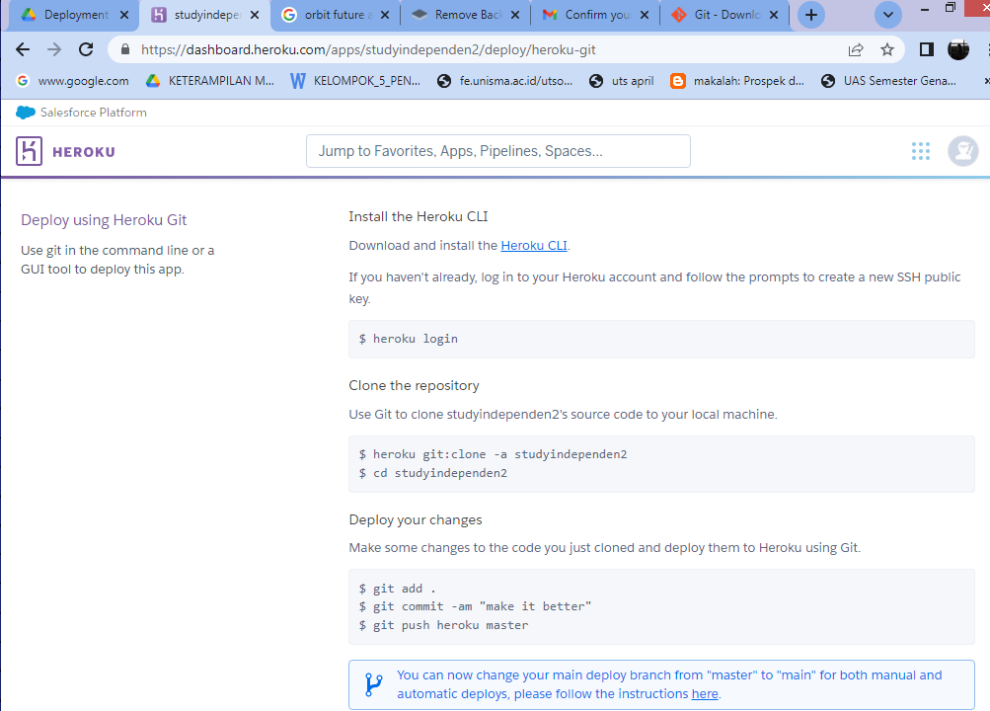
Kita pilih aplikasi yang kita buat sebelumnya kemudian pilih Deploy dan scroll ke bawah



STEP 14

Ada 6 perintah deployment. Lalu kita copykan satu per satu ke git cmd yang sebelumnya.

- cd dts-linreg
- git init
- heroku git:remote -a studyindependen2
- git add .
- git commit -am "make it better"
- git push heroku main



The screenshot shows the Heroku dashboard for the application 'studyindependen2'. The page is titled 'Deploy using Heroku Git' and provides instructions for deploying the application. The instructions are as follows:

- Deploy using Heroku Git**
Use git in the command line or a GUI tool to deploy this app.
- Install the Heroku CLI**
Download and install the [Heroku CLI](#).
If you haven't already, log in to your Heroku account and follow the prompts to create a new SSH public key.
- Clone the repository**
Use Git to clone studyindependen2's source code to your local machine.
- Deploy your changes**
Make some changes to the code you just cloned and deploy them to Heroku using Git.

The terminal commands shown are:

```
$ heroku login  
  
$ heroku git:clone -a studyindependen2  
$ cd studyindependen2  
  
$ git add .  
$ git commit -am "make it better"  
$ git push heroku master
```

A note at the bottom states: "You can now change your main deploy branch from 'master' to 'main' for both manual and automatic deploys, please follow the instructions [here](#)."

STEP 15

Jalankan perintah sebelumnya seperti tampilan di samping kemudian kita ketikkan perintah yang terakhir.

```
Git CMD
C:\Users\User>
C:\Users\User>
C:\Users\User>
C:\Users\User>
C:\Users\User>
C:\Users\User>heroku login -i
  » Warning: heroku update available from 7.53.0 to 7.60.1.
heroku: Enter your login credentials
Email [rismamufarohah@gmail.com]:
Password: *****
Logged in as rismamufarohah@gmail.com

C:\Users\User>cd dts-linreg

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

C:\Users\User\dts-linreg>heroku git:remote -a studyindependen2
  » Warning: heroku update available from 7.53.0 to 7.60.1.
set git remote heroku to https://git.heroku.com/studyindependen2.git

C:\Users\User\dts-linreg>git add .

C:\Users\User\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\User\dts-linreg>git push heroku master
error: src refspec master does not match any
error: failed to push some refs to 'https://git.heroku.com/studyindependen2.git'

C:\Users\User\dts-linreg>git push heroku main
Everything up-to-date

C:\Users\User\dts-linreg>
```

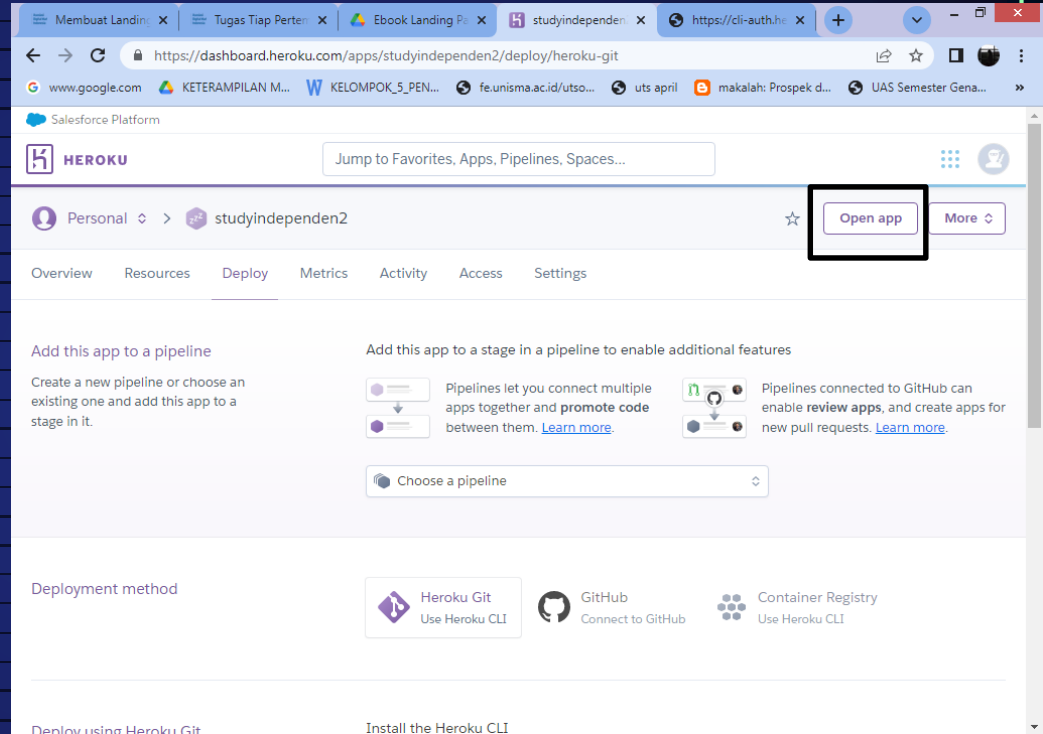
STEP 16

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

```
Git CLI: heroku logs --tail
remote:    Installing build tools.
remote:    Collecting click==8.2
remote:    Downloading click-8.2-py3-none-any.whl (96 kB)
remote:    Collecting Flask==3.0
remote:    Downloading Flask-3.0-py3-none-any.whl (29 kB)
remote:    Collecting Jinja2==3.1.3
remote:    Downloading Jinja2-3.1.3-py3-none-any.whl (132 kB)
remote:    Collecting Werkzeug==3.0
remote:    Downloading Werkzeug-3.0-py3-none-any.whl (224 kB)
remote:    Collecting threadpoolctl==3.2.0
remote:    Downloading threadpoolctl-3.2.0-py3-none-any.whl (14 kB)
remote:    Collecting numpy==1.26.4
remote:    Downloading numpy-1.26.4-cp310-cp310-manylinux_2_17_x86_64_musl1.0-manylinux2014_x86_64.whl (16.8 MB)
remote:    Collecting joblib==1.3.2
remote:    Downloading joblib-1.3.2-py3.pyd-none-any.whl (306 kB)
remote:    Collecting scipy==1.12.0
remote:    Downloading scipy-1.12.0-cp310-cp310-manylinux_2_17_x86_64_musl1.0-manylinux2014_x86_64.whl (42.3 MB)
remote:    Collecting MarkupSafe==2.1.5
remote:    Downloading MarkupSafe-2.1.5-cp310-cp310-manylinux_2_17_x86_64_musl1.0-manylinux2014_x86_64.whl (25 kB)
remote:    Installing collected packages: numpy, Werkzeug, threadpoolctl, scipy, joblib, Jinja2, Flask, click
remote:    Successfully installed Jinja2-3.1.3 MarkupSafe-2.1.5 Werkzeug-3.0 click-8.2.2 flask-3.0.0 gunicorn-20.1.0 itsdangerous-2.1.2 joblib-1.3.2 numpy-1.26.4 scikit-learn-1.3.2 scipy-1.12.0 threadpoolctl-3.2.0
remote:    ----- Discovered process types
remote:    Procfile declares types => web
remote:    ----- Compressing...
remote:    Done! [34.7M]
remote:    ----- Launching...
remote:    Released v3
remote:    https://dikidshya.herokuapp.com/ deployed to Heroku
remote:
remote: Verifying deploy... done
remote: To https://git.heroku.com/dikidshya.git
remote:   * [new branch]   main -> main
remote:
remote: View https://heroku.com/ for more details
```

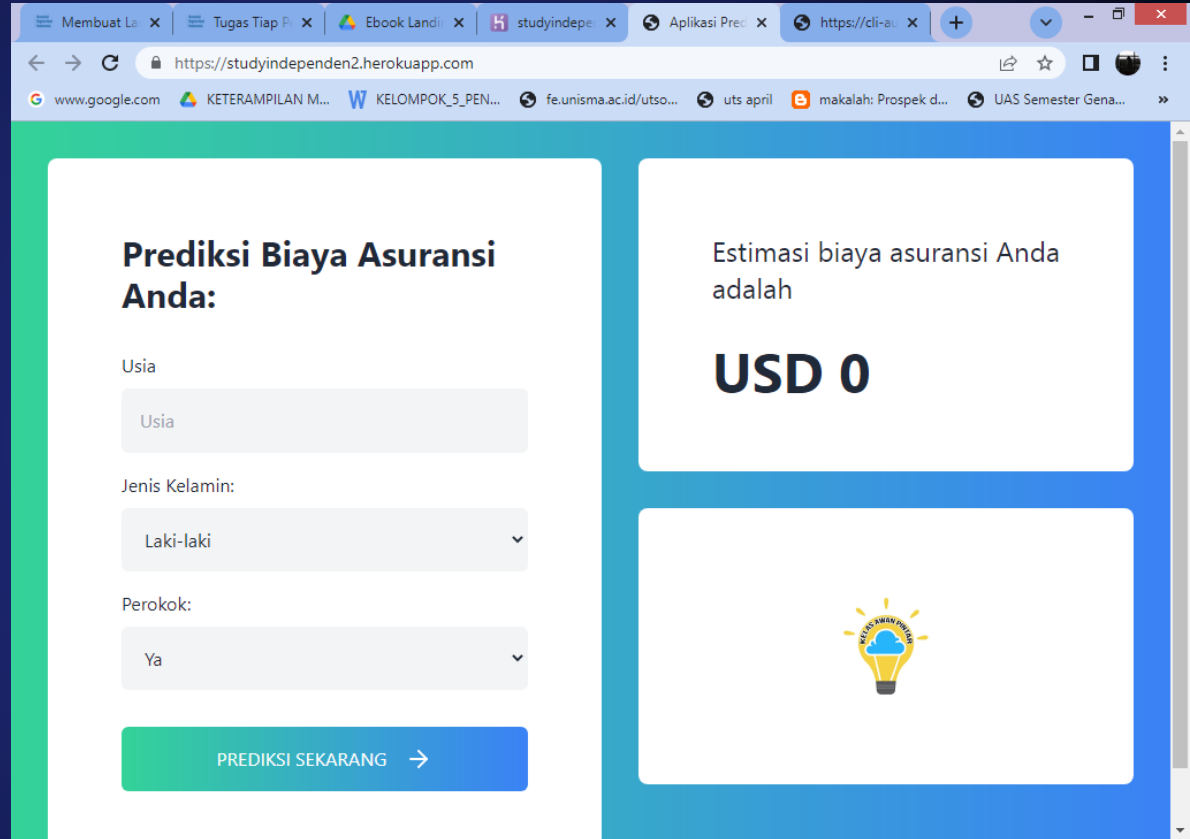
STEP 17

Setelah selesai deployment, lalu buka kembali web heroku dan untuk mengecek deployment berhasil yaitu dengan cara klik "Open App"



STEP 18

Jika deployment sudah berhasil, maka hasilnya akan seperti tampilan gambar di samping.



The screenshot shows a web browser with the URL <https://studyindependen2.herokuapp.com>. The page has a green and blue header. The main content is divided into two columns. The left column contains a form titled "Prediksi Biaya Asuransi Anda:" with three input fields: "Usia" (Age), "Jenis Kelamin:" (Gender), and "Perokok:" (Smoker). The "Usia" field has the value "Usia", "Jenis Kelamin:" has "Laki-laki", and "Perokok:" has "Ya". Below the form is a green button labeled "PREDIKSI SEKARANG" with a right arrow. The right column contains a white box with the text "Estimasi biaya asuransi Anda adalah" followed by "USD 0" in large bold letters. Below this is another white box containing a yellow lightbulb icon with a blue cloud inside it.

Membuat La x Tugas Tiap P x Ebook Landi x studyindepe x Aplikasi Pred x https://cli-a x

← → ↻ <https://studyindependen2.herokuapp.com>

[www.google.com](#) [KETERAMPILAN M...](#) [KELOMPOK_5_PEN...](#) [fe.unisma.ac.id/utso...](#) [uts april](#) [makalah: Prospek d...](#) [UAS Semester Gena...](#)

Prediksi Biaya Asuransi Anda:

Usia


Jenis Kelamin:

Perokok:

PREDIKSI SEKARANG →

Estimasi biaya asuransi Anda adalah

USD 0



REFERENSI



<https://www.heroku.com/>



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



<https://github.com/jumadi-cloud/dts-linreg>

<https://blog.hacktiv8.com/deploy-program-di-hari-jumat-yakin/>



THANK
YOU