



# DEPLOYMENT WITH HEROKU

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# What is 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.
- Heroku termasuk ke dalam kriteria *Platform As A Service* (PaaS), sehingga bagi yang ingin melakukan deploy aplikasi ke heroku cukup hanya dengan melakukan konfigurasi aplikasi yang ingin di deploy dan menyediakan platform yang memungkinkan pelanggan untuk mengembangkan, menjalankan, dan mengelola aplikasi tanpa kompleksitas membangun dan memelihara infrastruktur yang biasanya terkait dengan pengembangan dan peluncuran aplikasi.

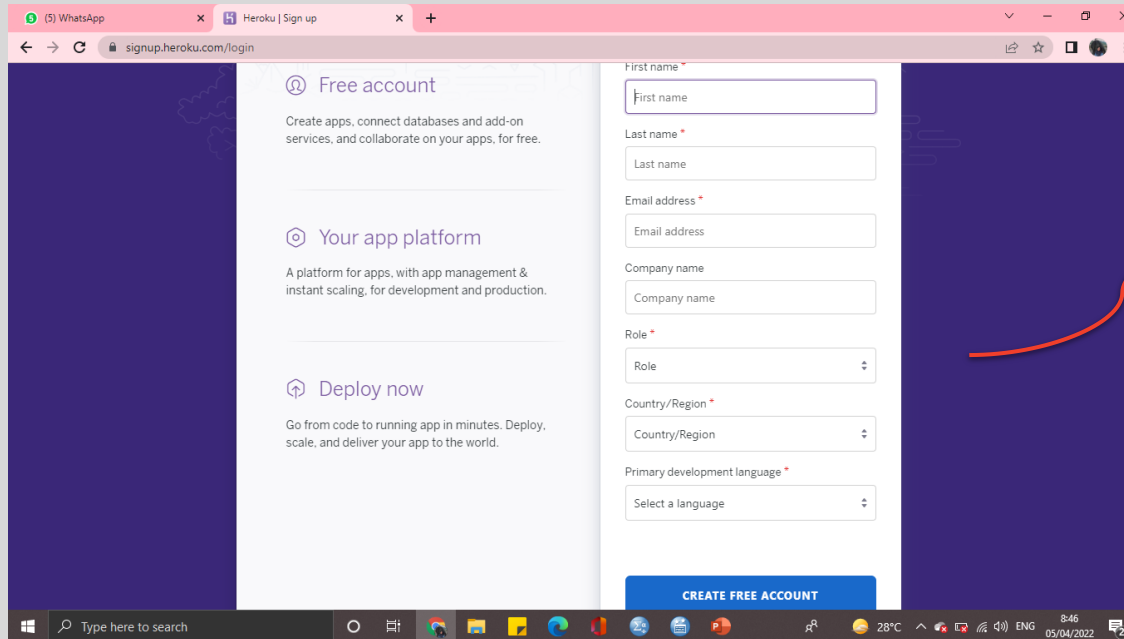
# 1.Membuat akun dan install git bash

buat account Heroku di link

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

dowloand git bash di link <https://git-scm.com/downloads>

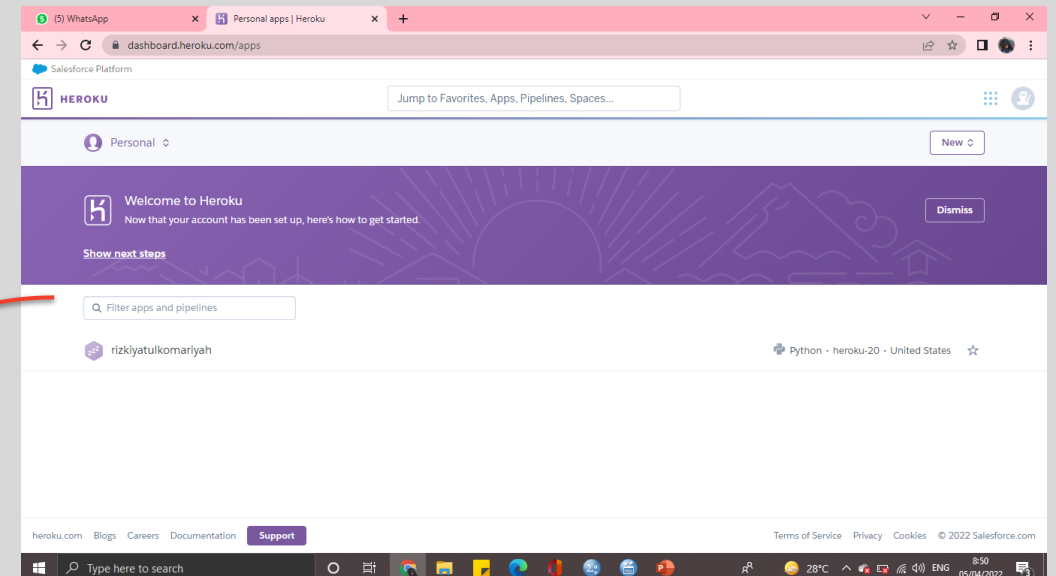
## 2. Membuat akun di heroku



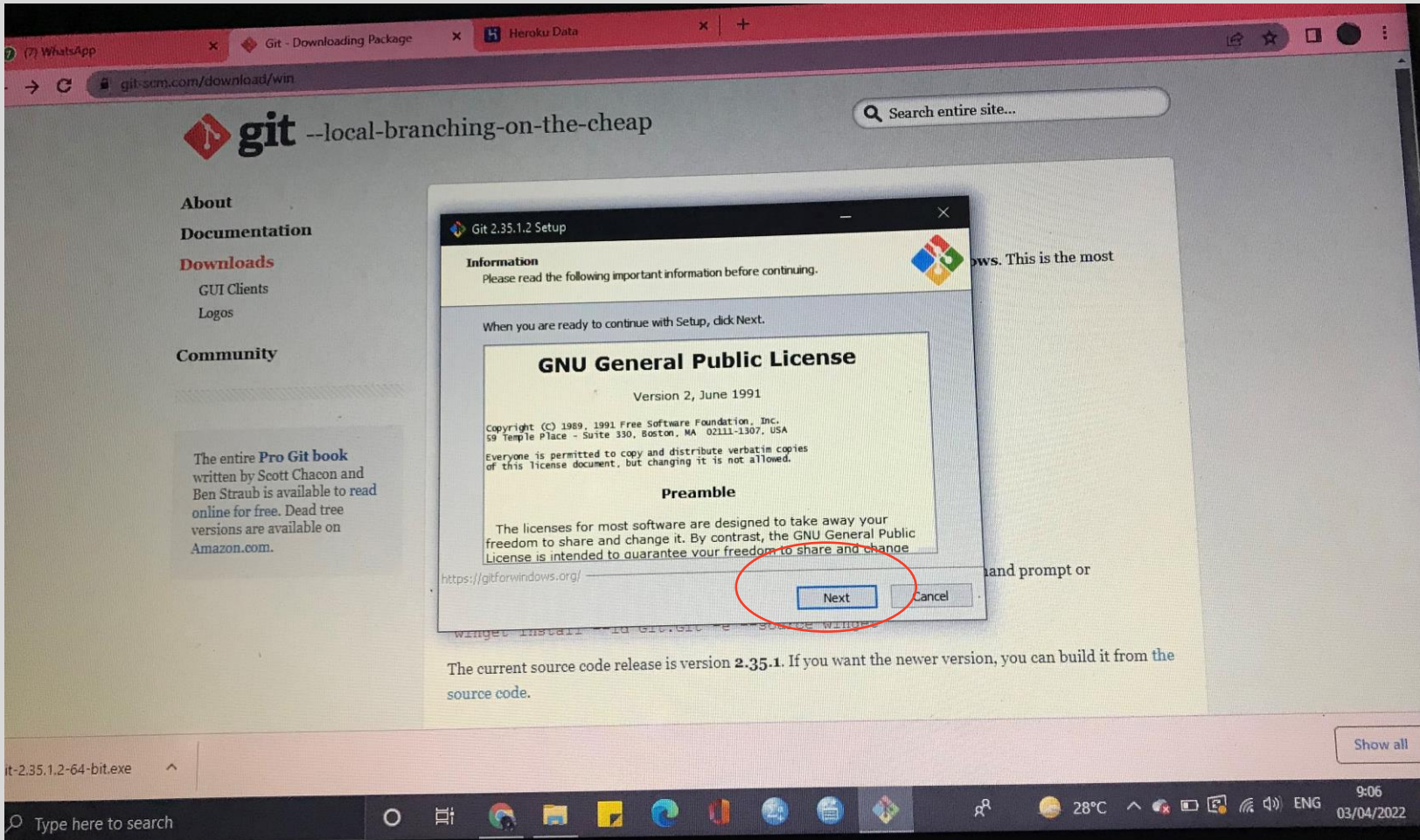
The screenshot shows the Heroku sign-up page at [signup.heroku.com/login](https://signup.heroku.com/login). The page has a dark purple background with white text. On the left, there are three sections: 'Free account' (Create apps, connect databases and add-on services, and collaborate on your apps, for free.), 'Your app platform' (A platform for apps, with app management & instant scaling, for development and production.), and 'Deploy now' (Go from code to running app in minutes. Deploy, scale, and deliver your app to the world.). On the right, there is a form with the following fields: 'First name' (text input), 'Last name' (text input), 'Email address' (text input), 'Company name' (text input), 'Role' (dropdown menu), 'Country/Region' (dropdown menu), and 'Primary development language' (dropdown menu). At the bottom right of the form is a blue button labeled 'CREATE FREE ACCOUNT'.

Isi nama , email dll  
sesuai yang sudah  
diperintahkan ,  
kemudian klik create  
free account

Jika sudah berhasil membuat  
akun akan muncul tampilan  
Heroku seperti ini.

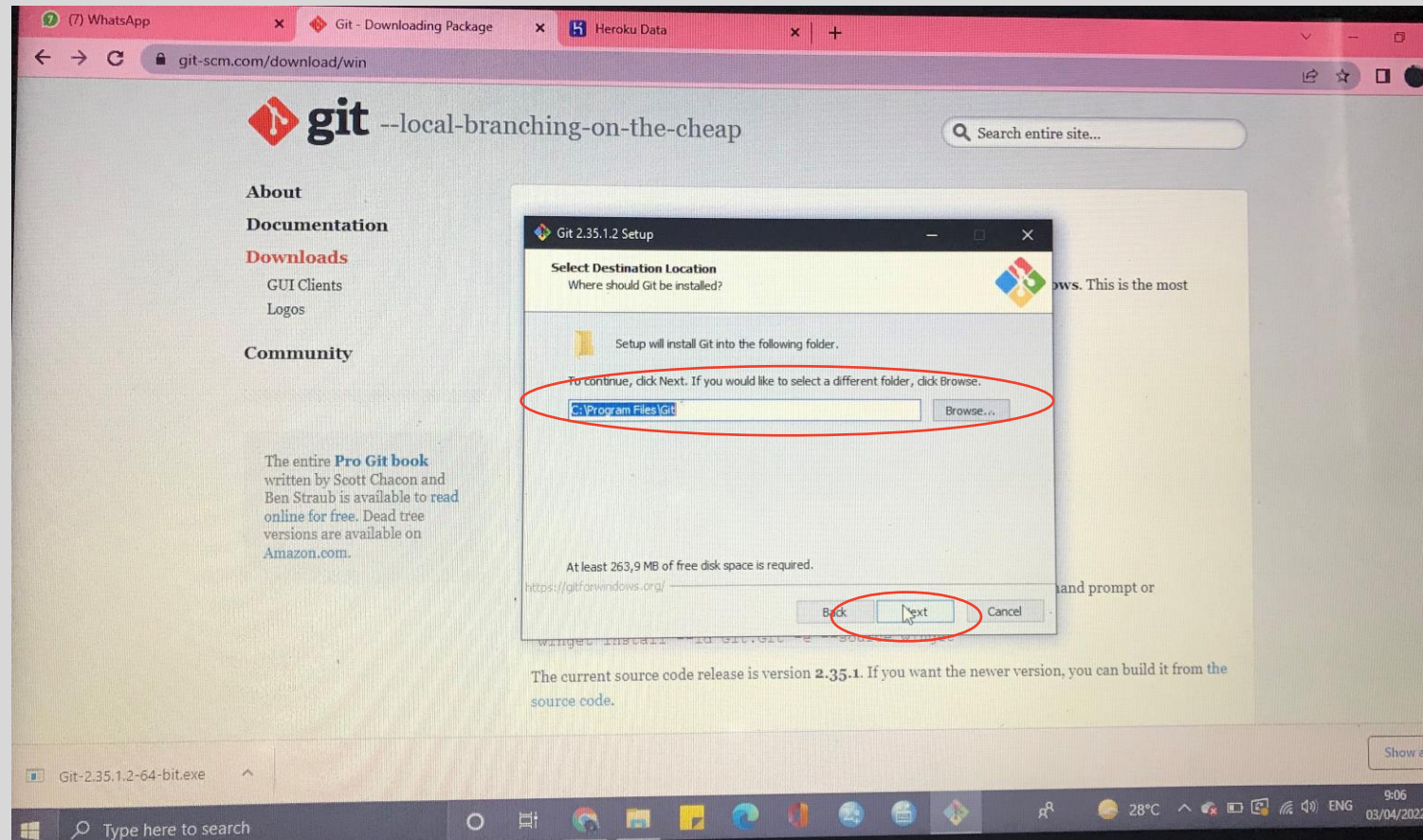


### 3. Instal Git bash

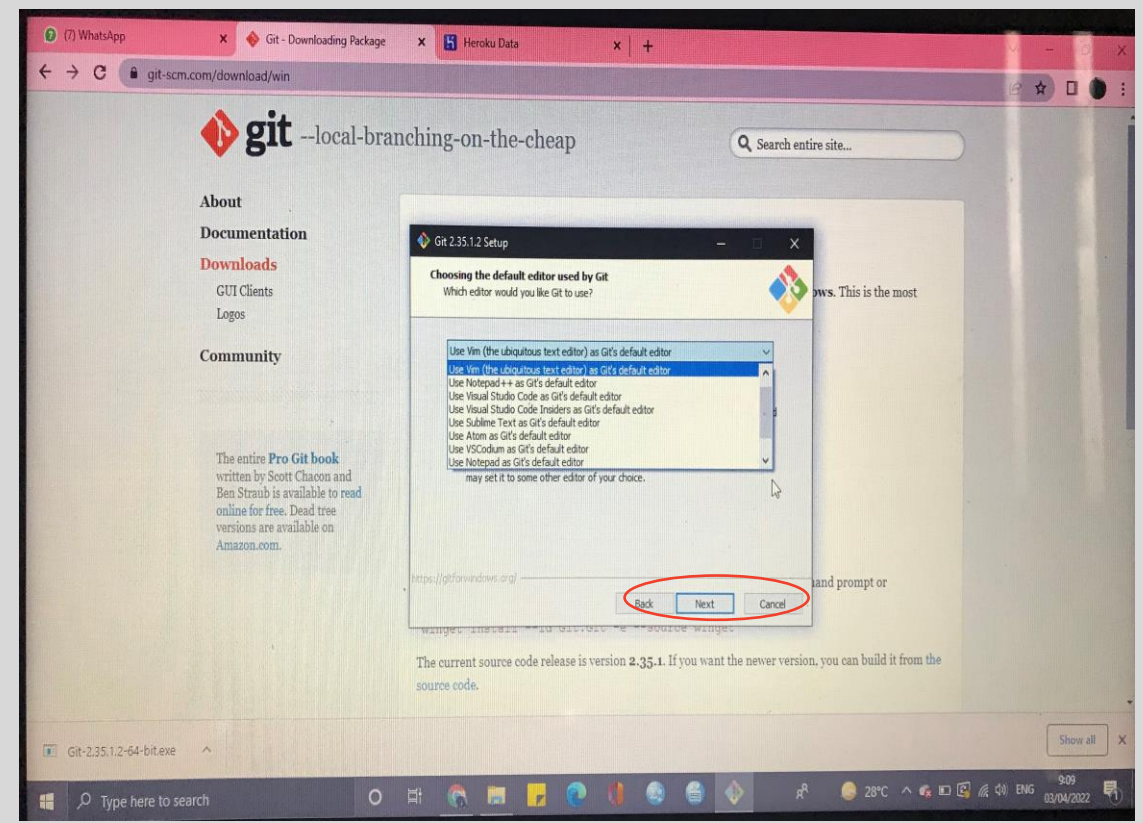
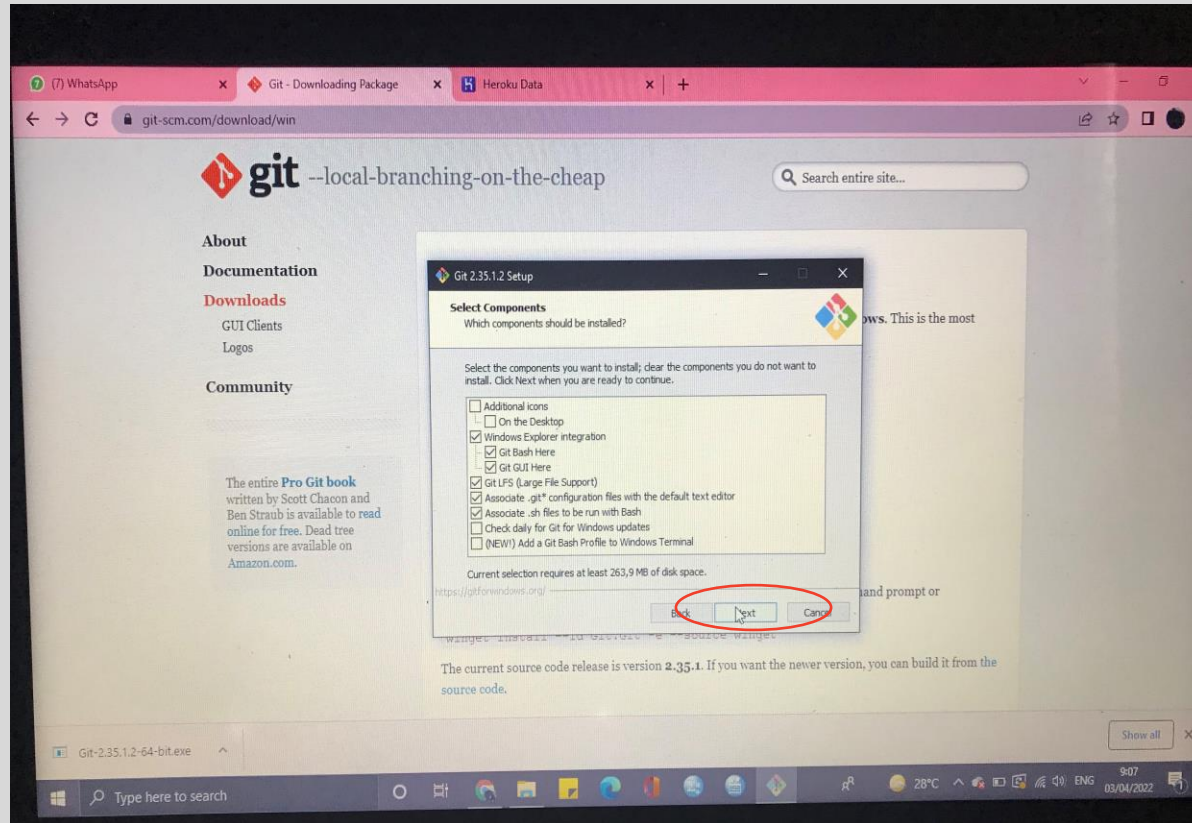




## 4. Simpan hasil intalasi di c:\program, lalu klik next

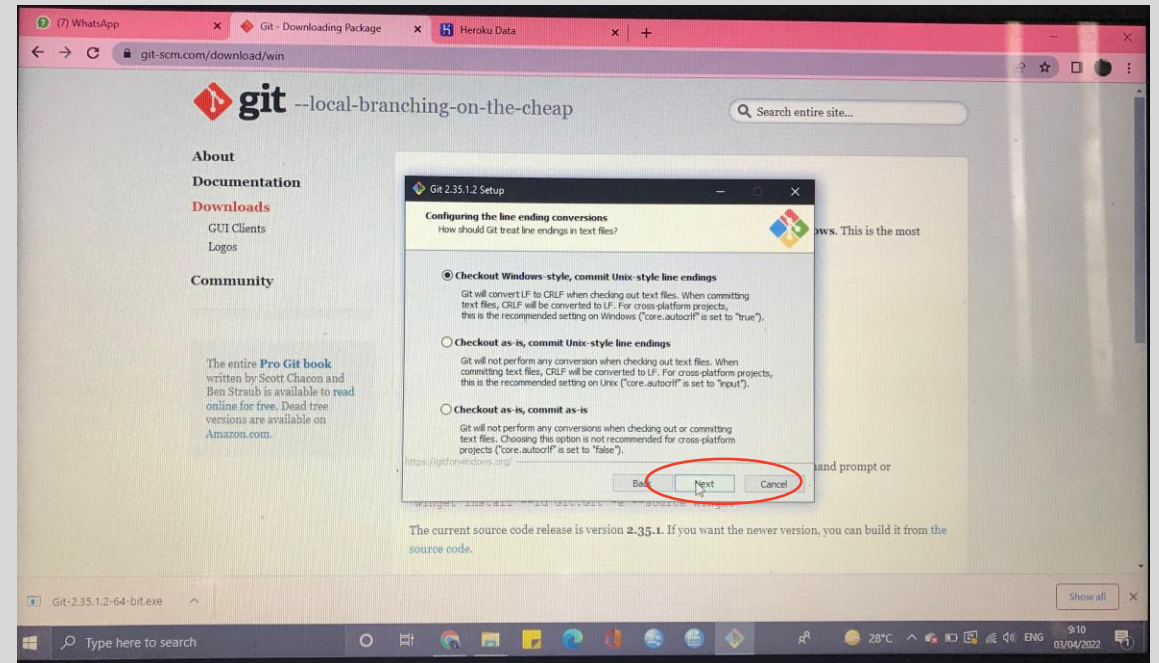
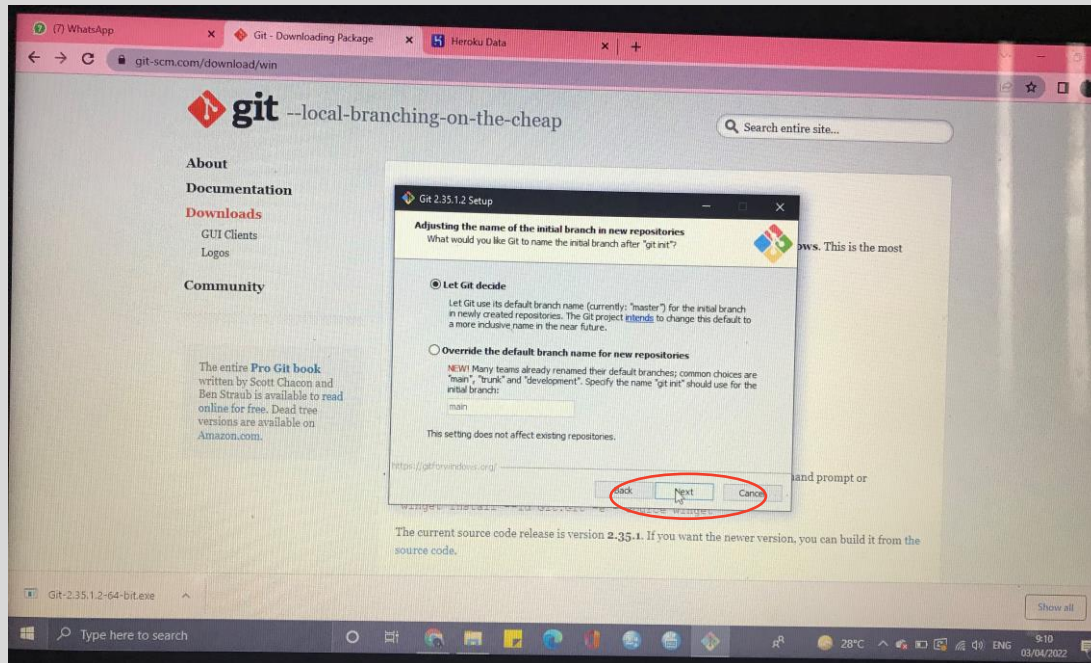


# 5. Klik next



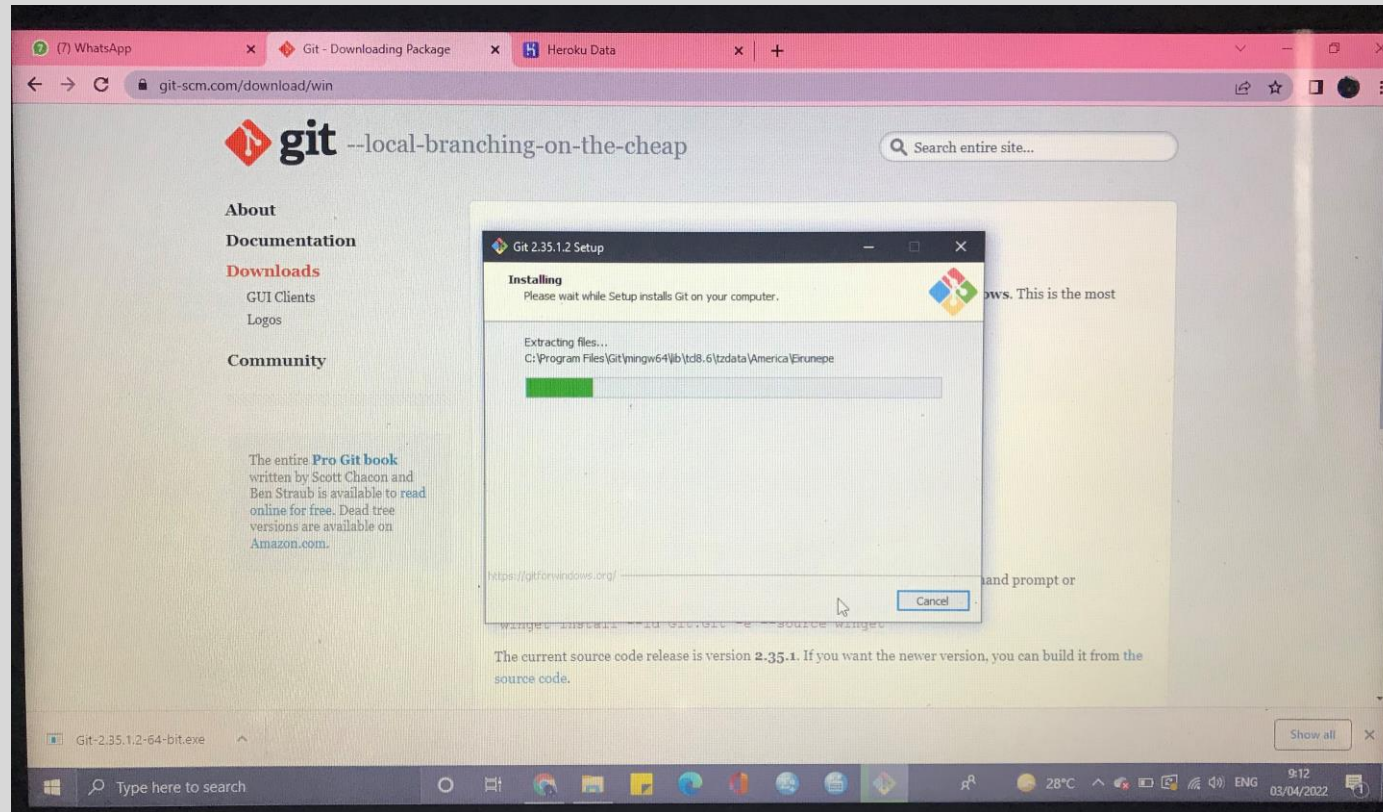


# 6. Klik next

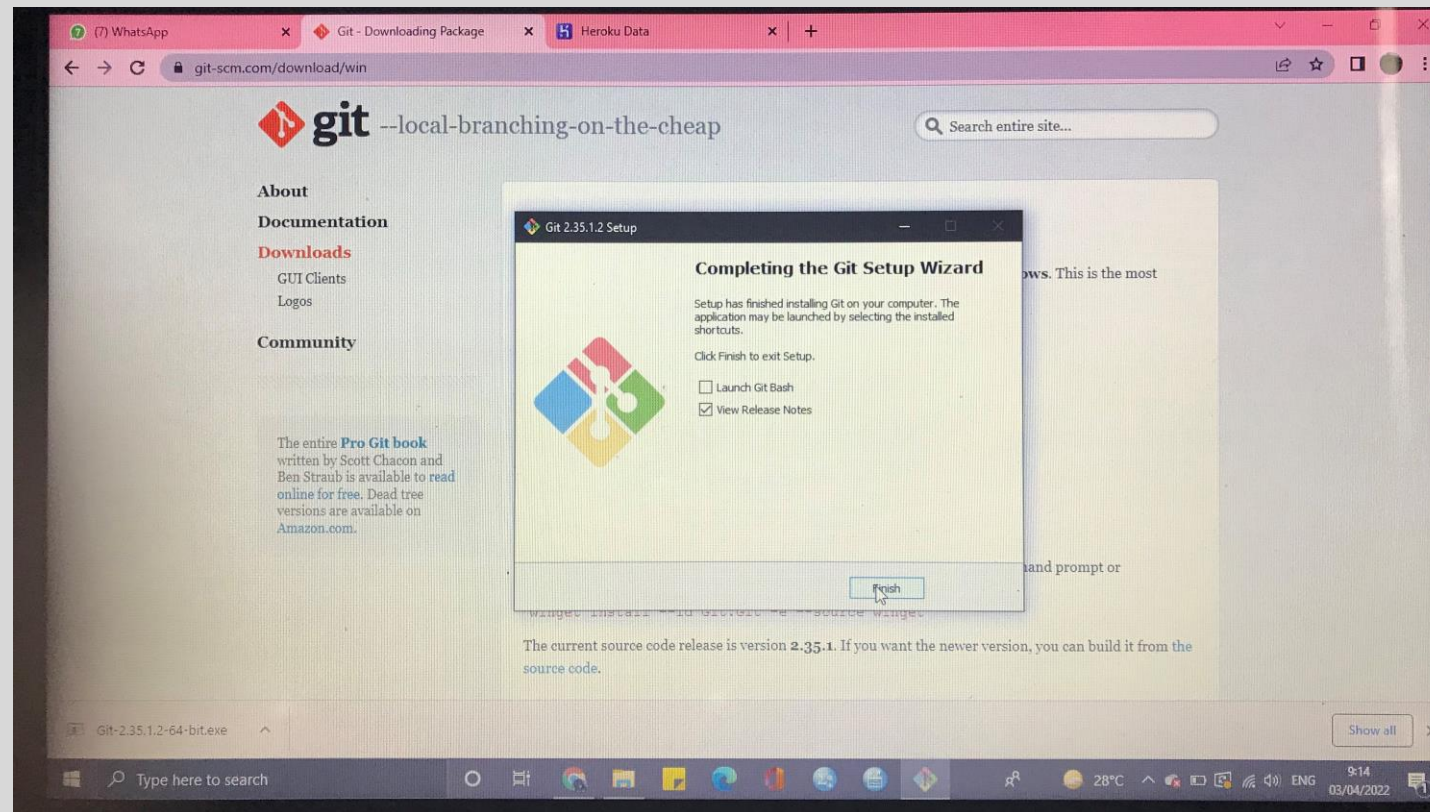




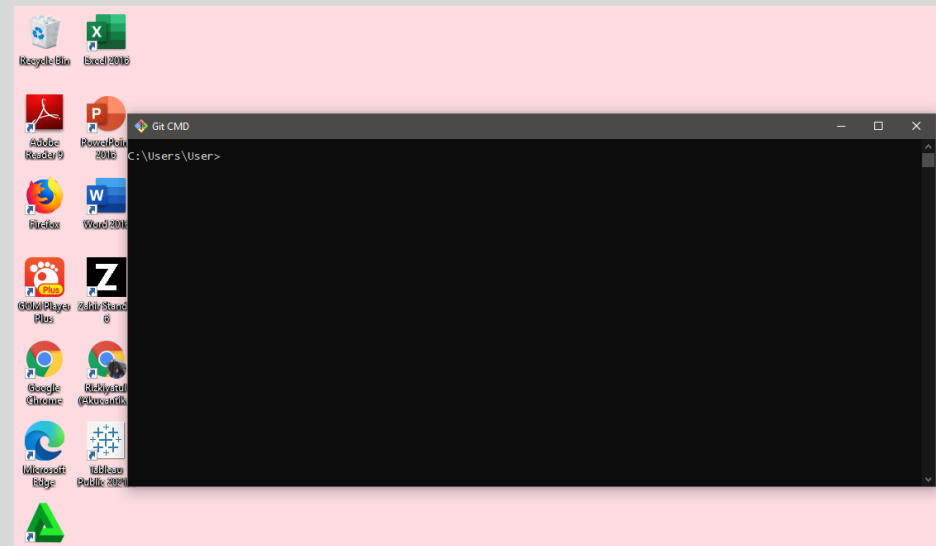
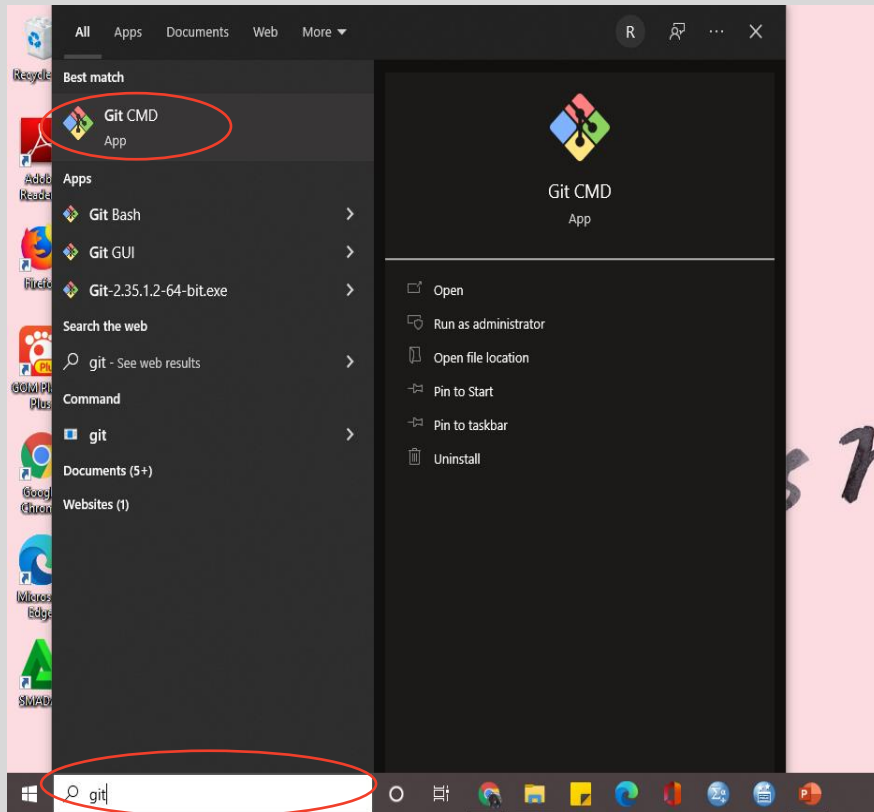
# 7. Tunggu sampai complete



9. Jika sudah berhasil akan muncul tampilan seperti ini , lalu klik finish.



# 10. Klik pada search di windows kita





# 11. Kita mulai untuk mengetik

```
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 "rizkiyatul"

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

C:\Users\User>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/cli/browser/da81b466-2bd6-4d64-90d0-55101a2fc429?request=2gbDQAAAA0zNi43MS4xMTQuMTYwbG9AIm2G7X8BYgABUYA.3XBwPH_5LZI22C8TNKKIj9WIImZm-x0z3ziX8jYNvqc
Logging in... done
Logged in as rizkiyatulkomariyah@gmail.com

C:\Users\User>heroku login -i
heroku: Enter your login credentials
Email [rizkiyatulkomariyah@gmail.com]: rizkiyatulkomariyah@gmail.com
Password: *****
Logged in as rizkiyatulkomariyah@gmail.com

C:\Users\User>cd dts-linreg

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

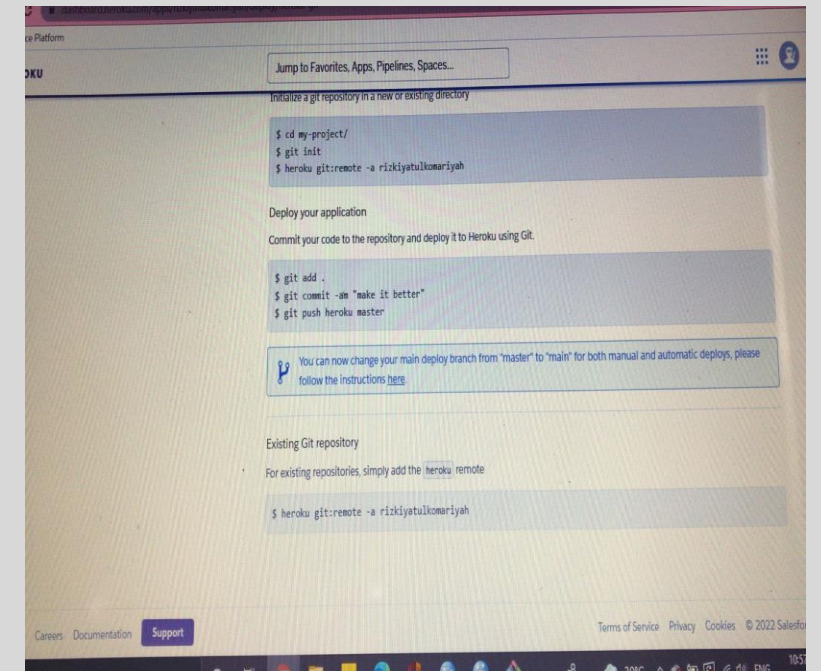
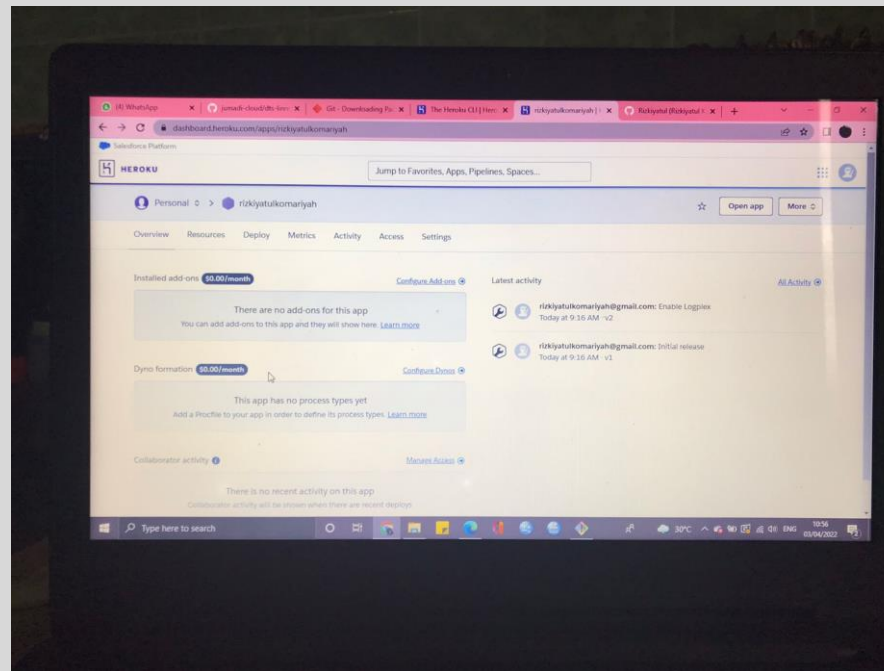
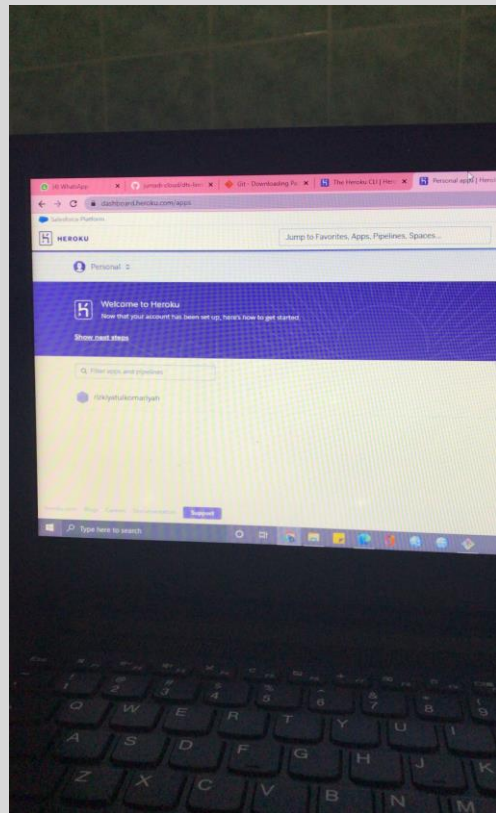
```

Git CMD - "C:\Program Files\Git\cmd\git.exe" push heroku main
remote: ----> To use a different version, see: https://devcenter.heroku.com/articles/python-
remote: ----> Installing python-2.10.4
remote: ----> Installing pip 21.1.1, setuptools 57.5.0 and wheel 0.37.0
remote: ----> Installing packages
remote: ----> Installing requirements with pip
remote: Collecting flask
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 (13.8 MB)
remote: Collecting Jinja2-3.1.1-py3-none-any.whl (132 kB)
remote: Collecting click-8.0.1
remote:   Downloading click-8.1.2-py3-none-any.whl (96 kB)
remote: Collecting itsdangerous-2.0
remote:   Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
remote: Collecting Werkzeug-2.0
remote:   Downloading Werkzeug-2.1.1-py3-none-any.whl (224 kB)
remote: Collecting theadpoolctl-3.1.0-py3-none-any.whl (14 kB)
remote: Collecting numpy-1.14.6
remote:   Downloading numpy-1.22.0-cp310-cp310-manylinux_2_17_x86_64_manylinux2014_x86_64.whl (15.7 MB)
remote: Collecting scipy-1.0
remote:   Downloading scipy-1.8.0-cp310-cp310-manylinux_2_17_x86_64_manylinux2014_x86_64.whl (29.1 MB)
remote: Collecting joblib-0.11
remote:   Downloading joblib-1.0.0-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 (16 kB)
remote: Successfully installed MarkupSafe-2.1.1 MarkupSafe-2.1.1 Werkzeug-2.1.1 click-8.1.2 Jinja2-3.1.1
remote:   scikit-learn-1.0 theadpoolctl-3.1.0
remote: Discovering process types
remote: Profile detected types -> web
remote: ----> Compressing...
remote: Done! 150 %
remote: ----> Launching...
remote: Released v3
remote: https://ickiyatuklonar.tyuh.herokuapp.com/ deployed to Heroku

```



12. Kemudian kita Kembali ke akun hero , klik Heroku dan akan muncul nama kita , keudian klik dan pilih deploy , kita scroll sampai bawah dan kita copy ke dalam git cmd



# 13. Jika sudah berhasil kita klik , open app dan akan muncul tampilan seperti ini

The screenshot shows a web browser window with the URL `rizkiyatulkomariyah.herokuapp.com/predict`. The page is titled "Prediksi Biaya Asuransi Anda:" and contains a form with three input fields: "Usia" (Age), "Jenis Kelamin:" (Gender), and "Perokok:" (Smoker). The "Usia" field has the value "Usia", "Jenis Kelamin:" has the value "Laki-laki", and "Perokok:" has the value "Ya". Below the form is a green button labeled "PREDIKSI SEKARANG →". To the right of the form, the estimated insurance cost is displayed as "USD 27544.27". Below this, the input values are listed: "Usia: 22 tahun", "Jenis kelamin: Laki-laki", and "Status perokok: Ya". At the bottom of the page, there is a lightbulb icon with the text "KONSULTAN" inside it. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right shows the temperature as 30°C, the time as 9:42, and the date as 05/04/2022.

**Prediksi Biaya Asuransi Anda:**

Usia

Usia

Jenis Kelamin:

Laki-laki

Perokok:

Ya

**PREDIKSI SEKARANG →**

Estimasi biaya asuransi Anda adalah

**USD 27544.27**

Usia: 22 tahun  
Jenis kelamin: Laki-laki  
Status perokok: Ya

KONSULTAN