



TUTORIAL DEPLOYMENT DENGAN HEROKU

By Millenia Izza Nurul Chasanah



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ABOUT ME

Saya Millenia Izza Nurul Chasanah prodi Akuntansi Universitas Muria Kudus.

Saat ini saya mengikuti organisasi Himapro Akuntansi dan Kelompok Kajian Pasar Modal. Hobi saya membaca cerita. Saya menyukai hal baru dan gemar menghitung.



APA SIH HEROKU ITU ?

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

Nah kali ini aku bakal nunjukin deployment menggunakan Heroku. Simak ya tutorial berikut ini.
See you



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Silahkan buat account Heroku dan download git bash terlebih dahulu ya

Buat account Heroku di link <https://www.heroku.com/>

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



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01

Cara Buat Account Hero dan Instal Apk Hero



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Step 1 Lengkapi sesuai data dirimu lalu klik “Create Free Account”

@ 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.

🚀 Deploy now

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

First name *

First name

Last name *

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



CREATE FREE ACCOUNT

Step 2 Kita verifikasi melalui email terlebih dahulu lalu akan muncul tampilan seperti di bawah lalu klik “Accept”

VERIFICATION EMAIL

Hi,

We've sent you an email with a link to verify your account. Please click the link to complete the verification process.

If you don't see the email, check your spam folder.

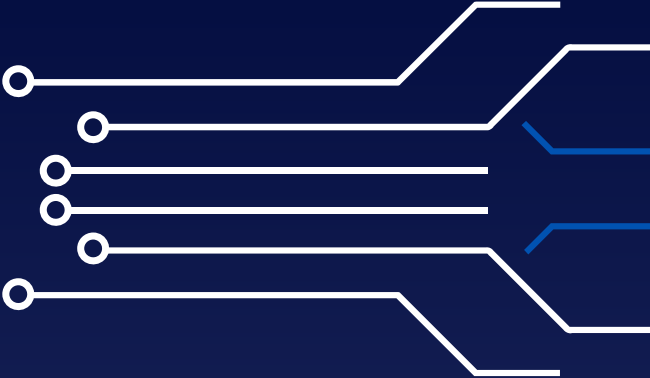
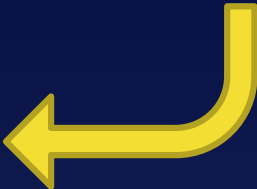
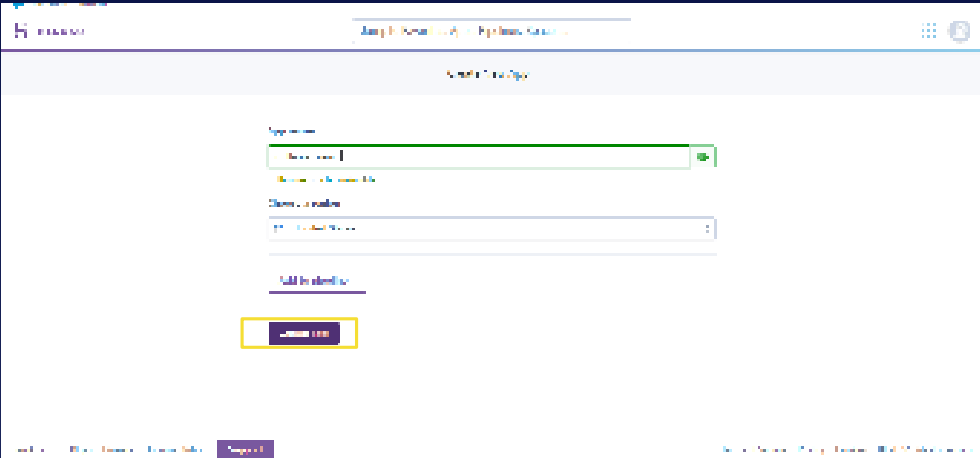
Don't see the email?

Resend email

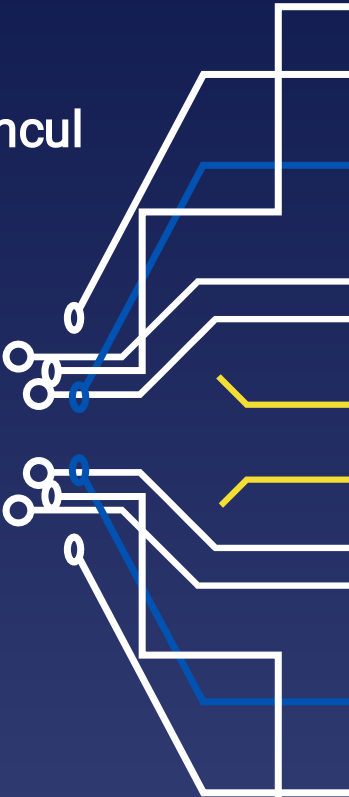
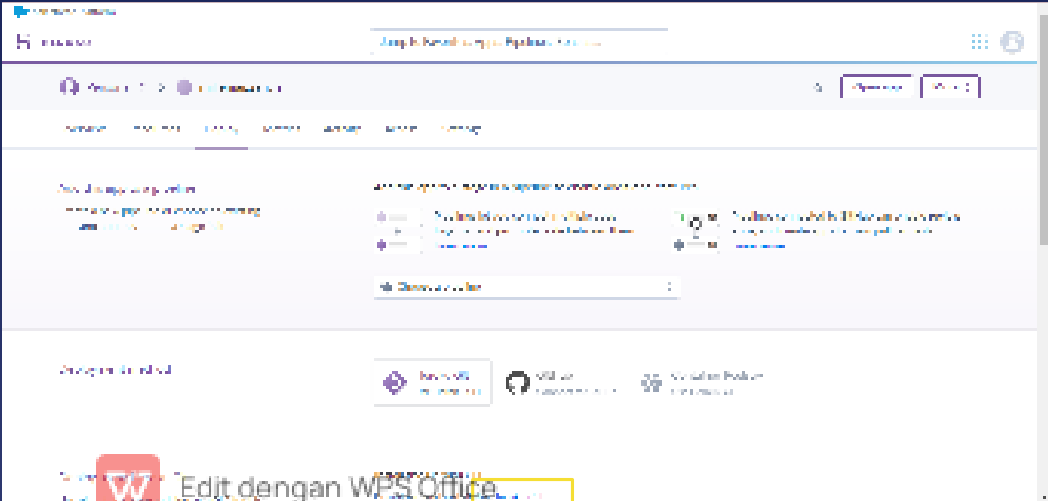
ACCEPT

6

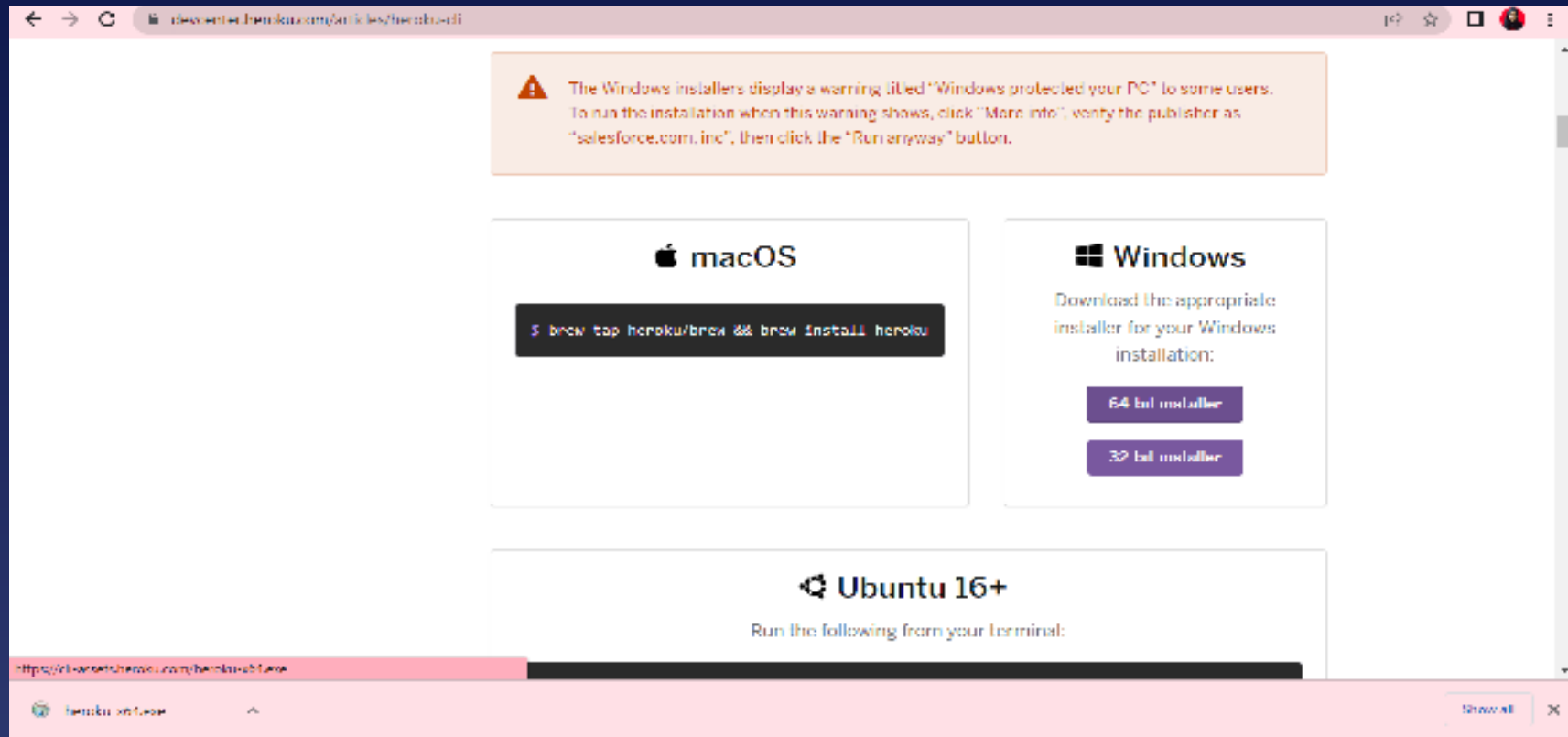
Step 3 Klik "Create new app" dan akan muncul tampilan seperti di bawah



Step 3 Klik "Heroku CLI" dan akan muncul tampilan seperti di bawah



Step 5 Pilih aplikasi sesuai Windows kalian "64-bit installer"/"32-bit installer"





02

Cara Download Git Bash dan Melanjutkan Deployment Sampai Dengan Selesai



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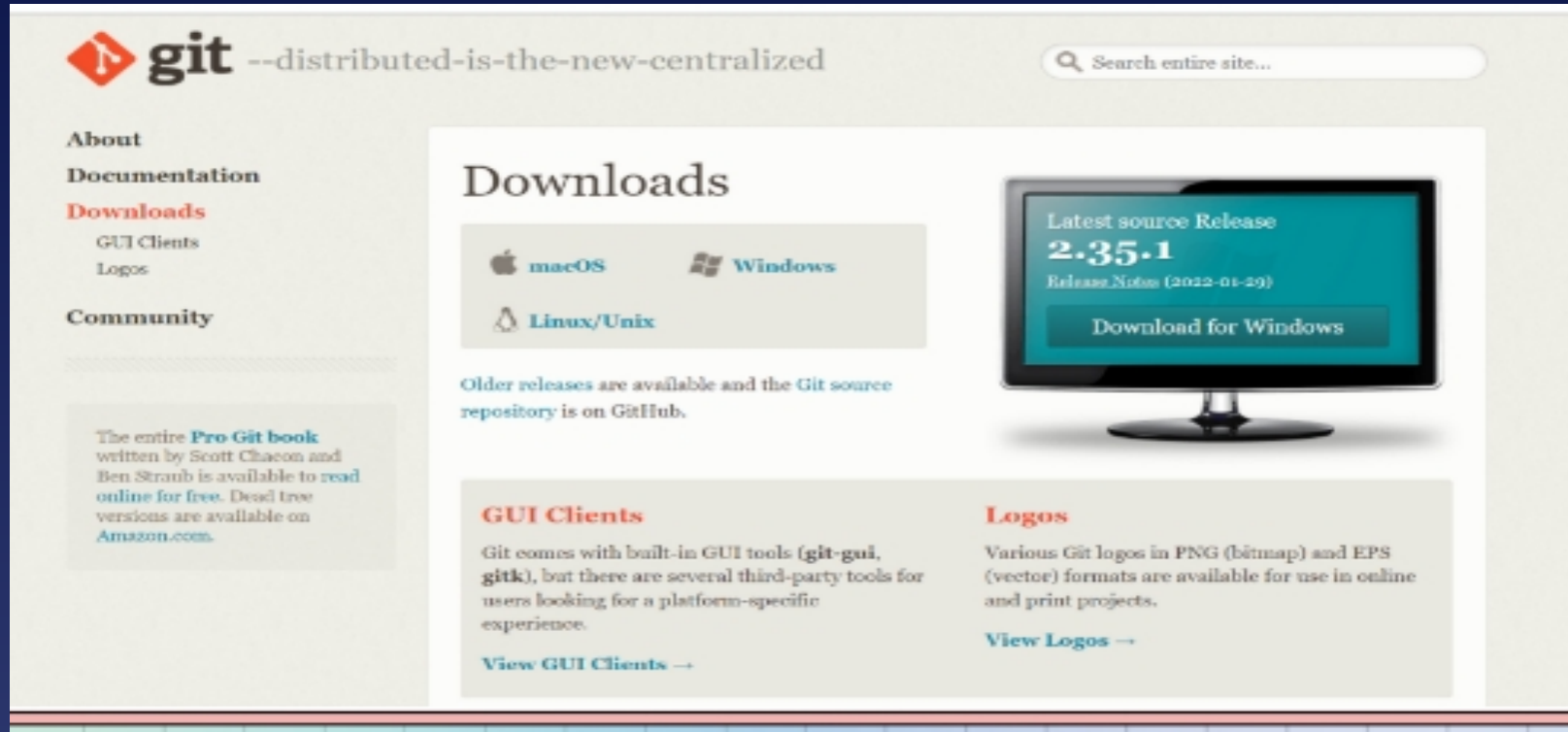
APASIH GIT BASH ITU ?

Git Bash merupakan aplikasi khusus untuk Microsoft Windows yang menyediakan emulasi atau tiruan layar untuk Git command line. Git untuk Windows memiliki emulasi Bash yang akan digunakan untuk menjalankan Git dari command line atau baris perintah.

Nah silahkan simak kelanjutan tutorial berikut ini.
Lets go!!!



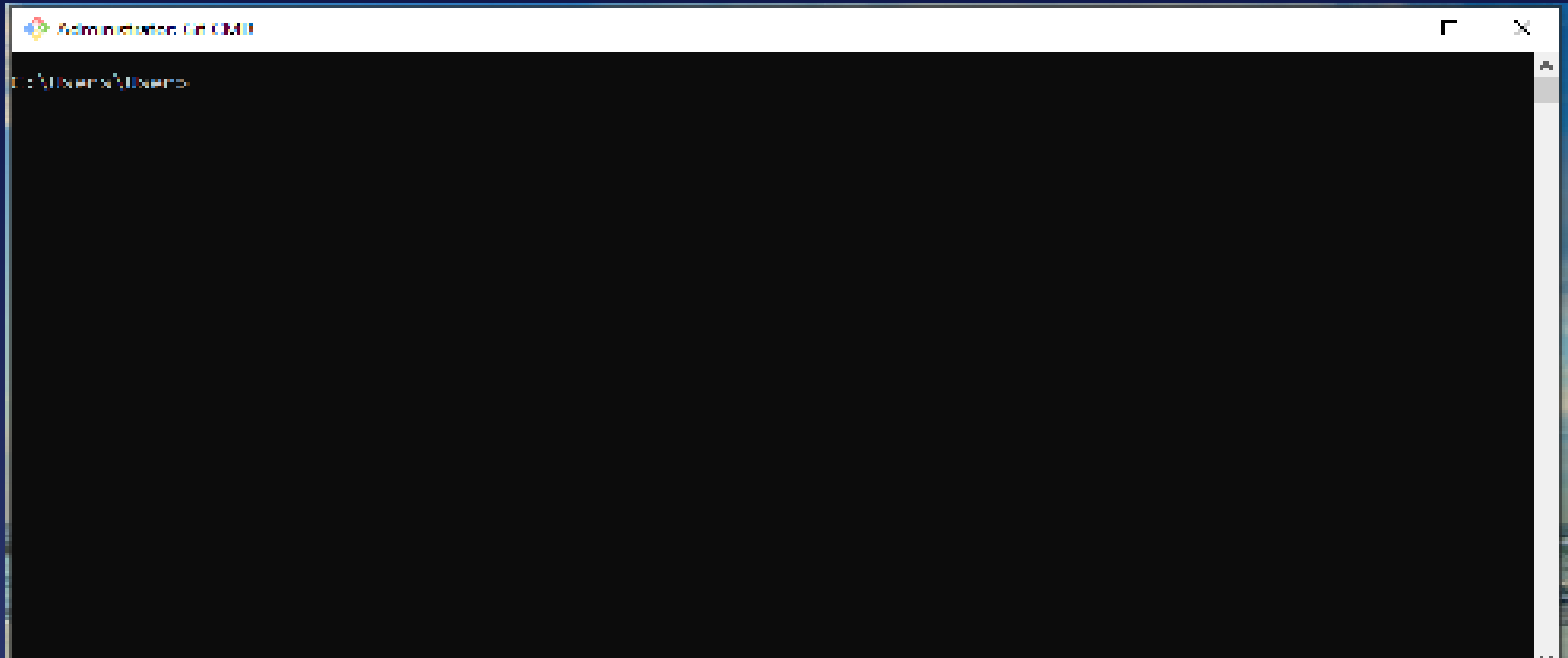
Step 1 Klik link git bash yang sudah tertera di depan terlebih dahulu dan muncul tampilan seperti di bawah



Step 2 Ketik "Git CMD" di menu pencarian Windows



Step 3 Gampilan yang muncul akan seperti di bawah ini

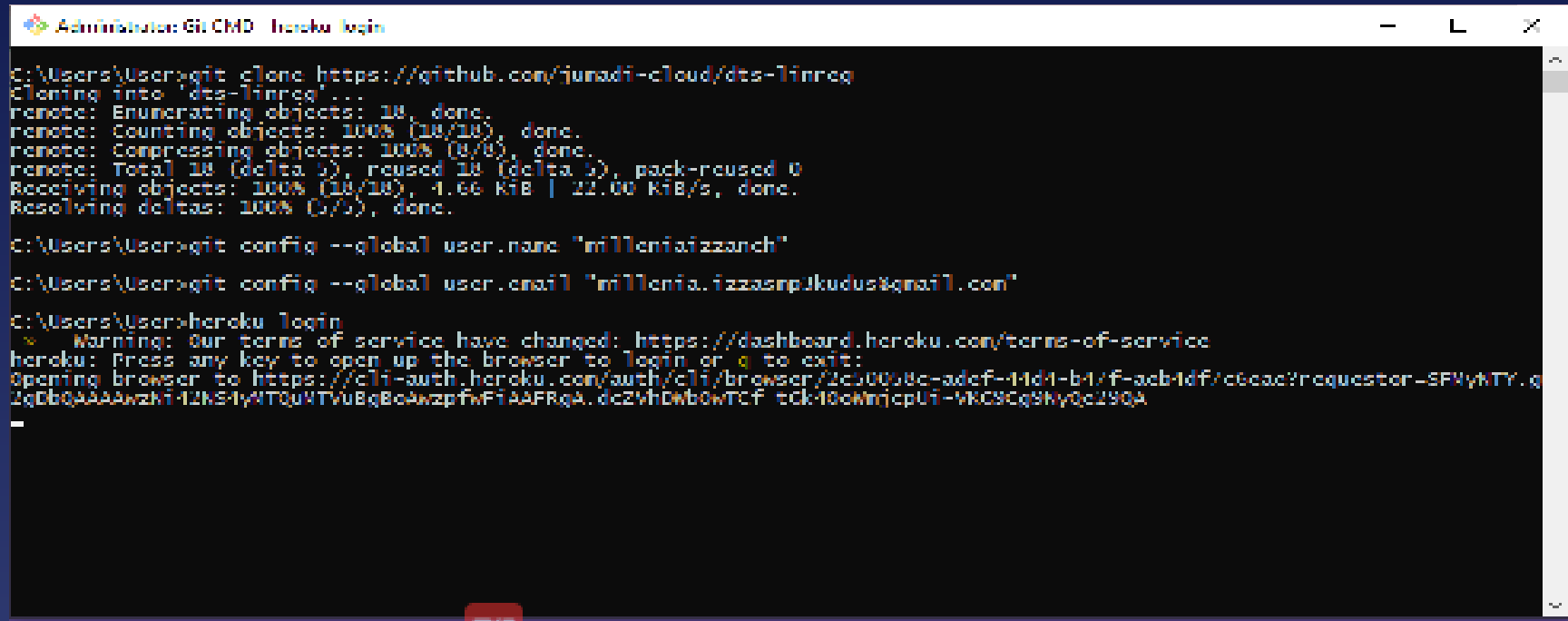


Step 4

Langkah selanjutnya ketikkan perintah :

1. `git clone https://github.com/jumadi-cloud/dts-linreg`
2. `git config --global user.name "username github punyamu"`
3. `git config --global user.email "nama emailmu"`
4. `heroku login`

Selanjutnya akan diarahkan ke website heroku kembali



```
C:\Users\User>git clone https://github.com/jumadi-cloud/dts-linreg
Cloning into 'dts-linreg'...
remote: Enumerating objects: 18, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 18 (delta 5), reused 18 (delta 5), pack-reused 0
Receiving objects: 100% (18/18), 4.66 KiB | 22.00 KiB/s, done.
Resolving deltas: 100% (5/5), done.

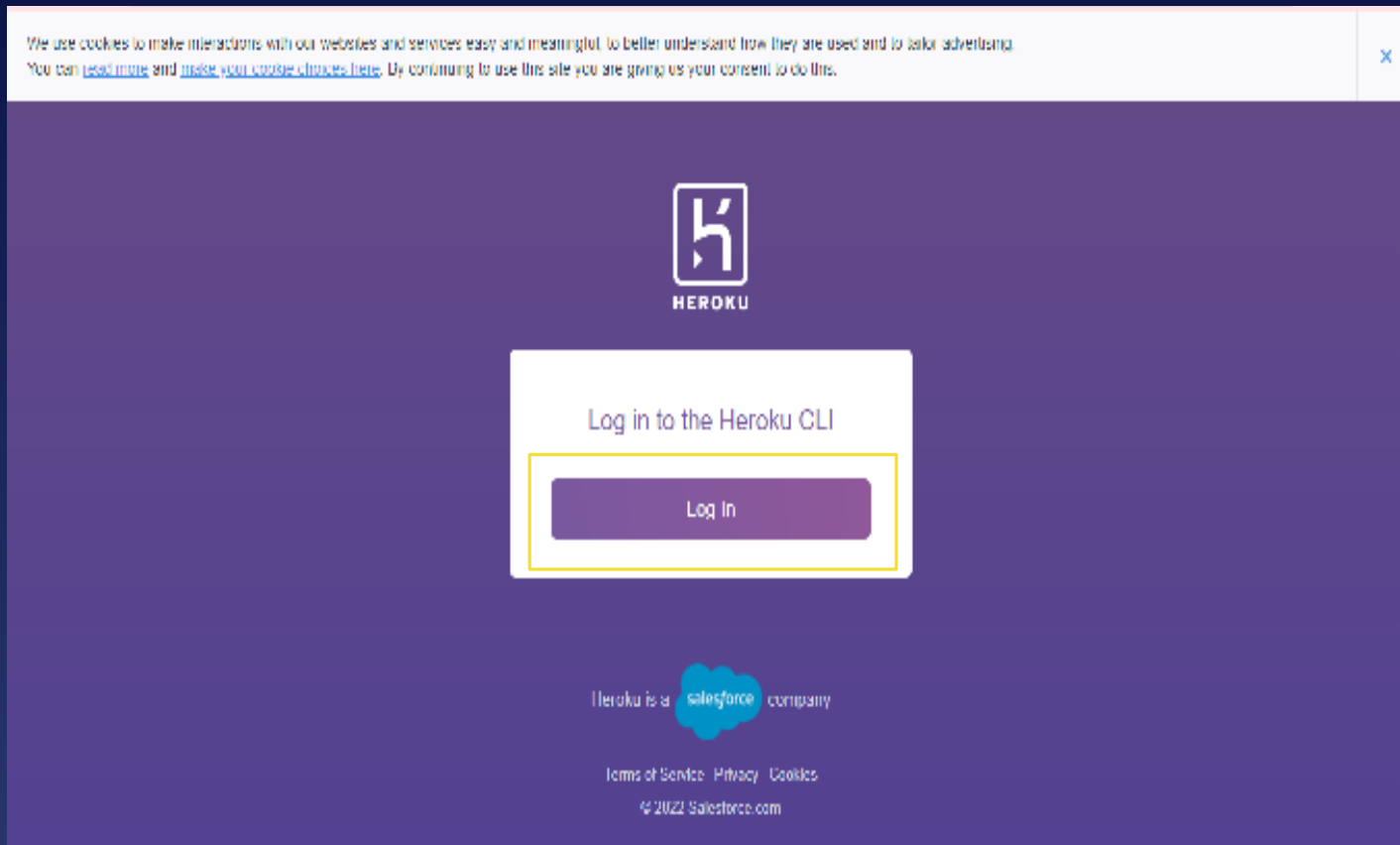
C:\Users\User>git config --global user.name "milleniaizzanah"

C:\Users\User>git config --global user.email "millenia.izzasmpkudus@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/2c50058c-ade5-44d4-b47f-a2b1df/c6ca2?requester=SFNykTY.g
2gDbQAAAawZK142NS4yNTQUNTvUBgBcAwzpfwF1AaFRQA.dczYhDwBOWTcf tck10oWnjcpU1-yK09Cg9NyQc29QA
-
```

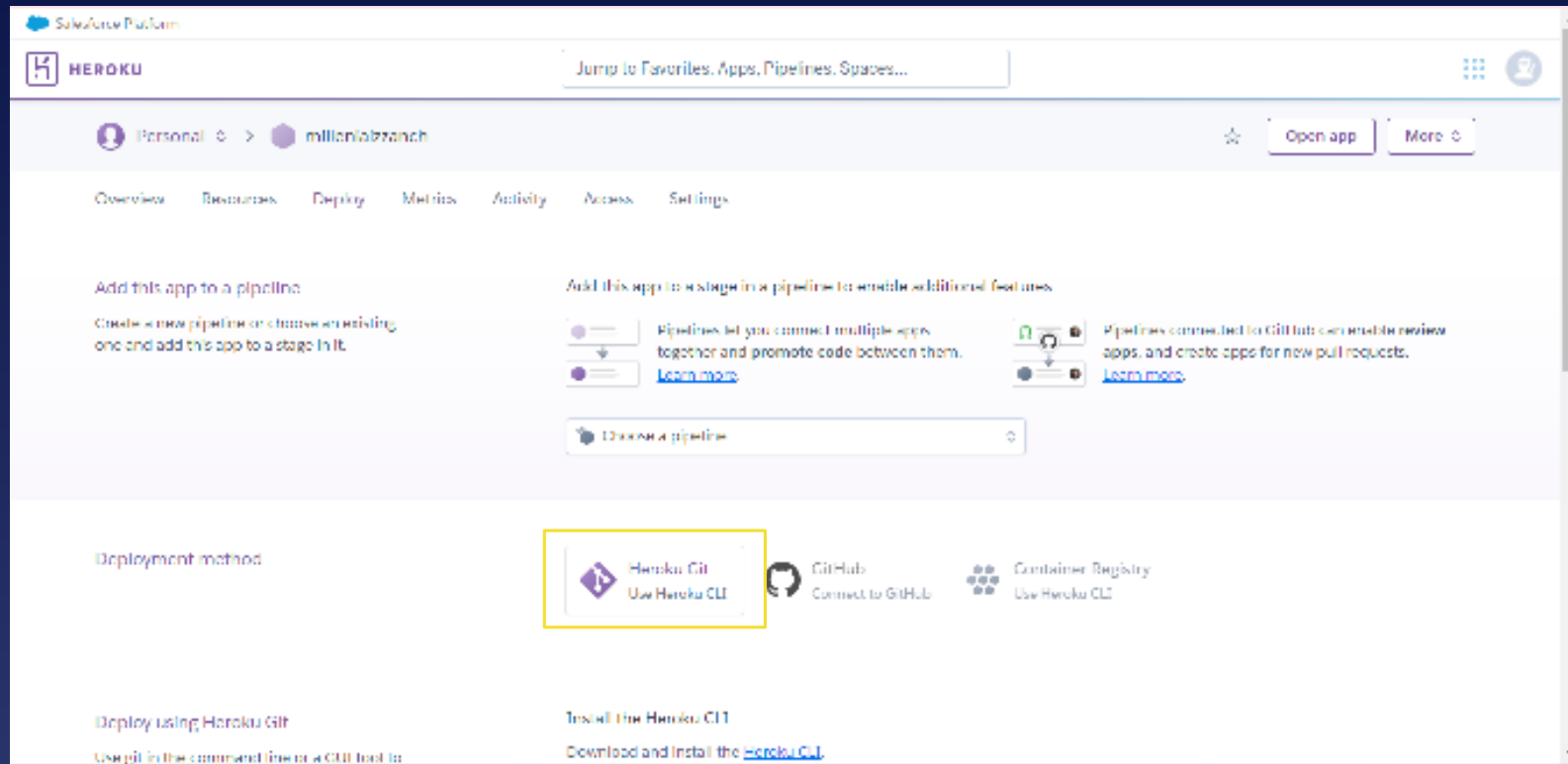


Step 5 Akan muncul tampilan website seperti di bawah lalu klik "Log in"

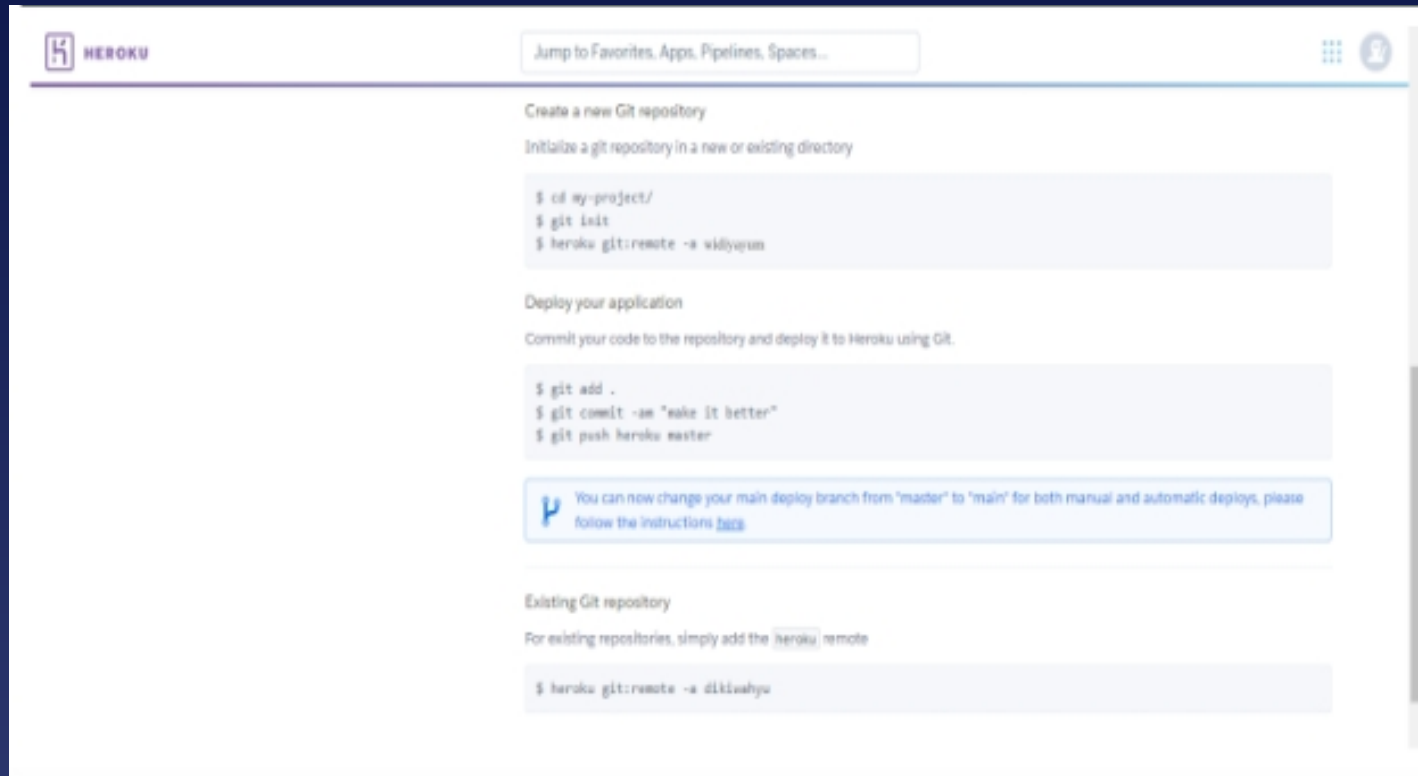


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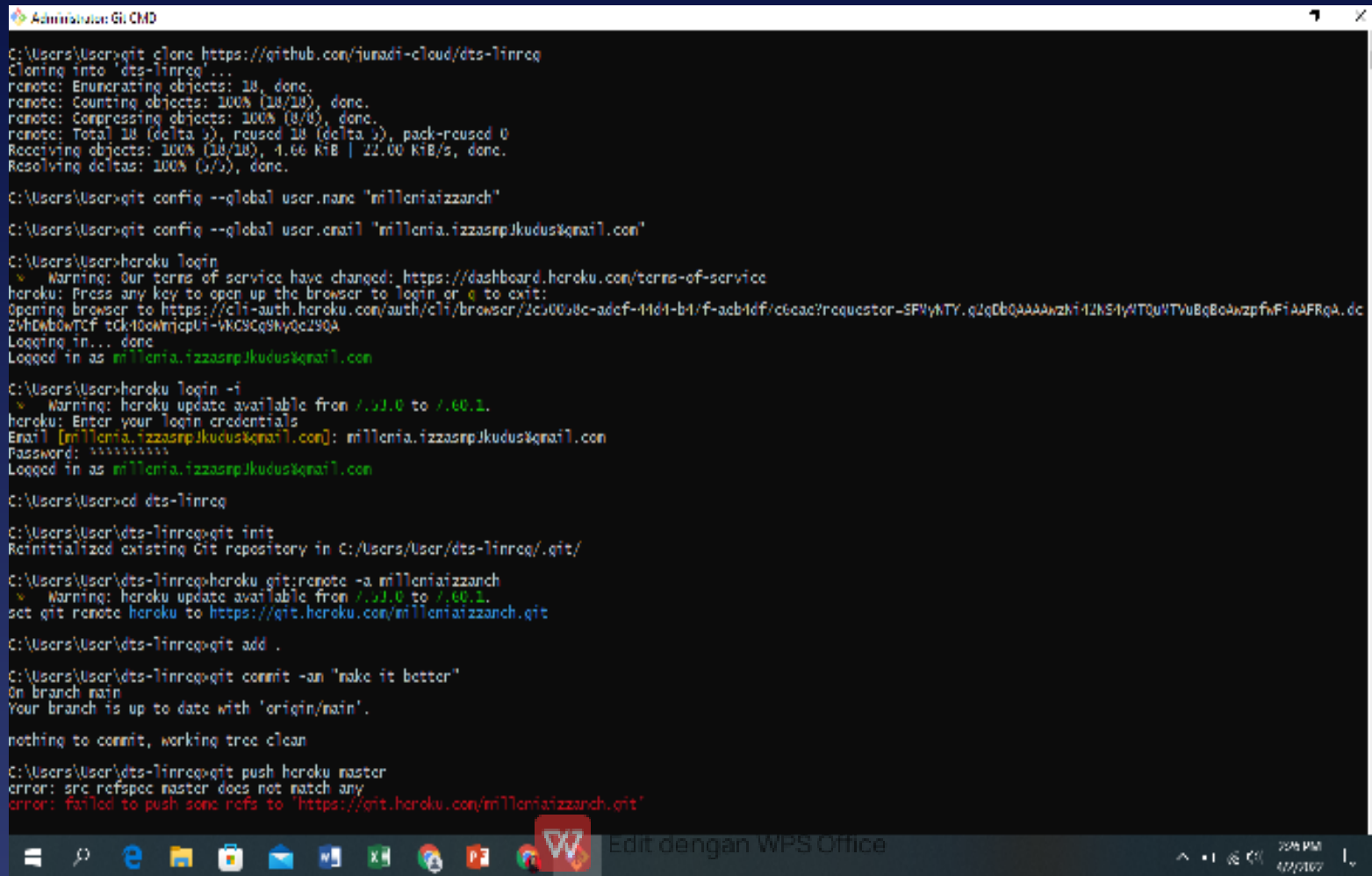
Step 6 Lanjutkan di CMD ketik "heroku login-i" dan arahkan ke website kembali lalu klik "Deploy" - "Heroku Git"



Step 7 Akan muncul gampilan di bawah dan di salin ke CMD



Step 8 Ketikkan perintah tadi ke CMD lalu ikuti langkah-langkah sesuai dengan gambar di bawah



```
Admin: Git CMD

C:\Users\User>git clone https://github.com/junadi-cloud/dts-linreq
Cloning into 'dts-linreq'...
remote: Enumerating objects: 18, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 18 (delta 0), reused 18 (delta 0), pack-reused 0
Receiving objects: 100% (18/18), 4.66 KiB | 22.00 KiB/s, done.
Resolving deltas: 100% (0/0), done.

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

C:\Users\User>git config --global user.email "millenia.izzasrpjkudus@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/2c30050c-ade4-4d64-b41f-acb4df/c6cac?requestor=SPVYhTY.q2qDbQAAAAwzhf42hS4y4TQw4TVuBqBoAwzpfwFiAAFRQA.dc
2ZhDwBwTcf tck40ewhjcPlt-WK9CqShyQe29QA
Logging in... done
Logged in as millenia.izzasrpjkudus@gmail.com

C:\Users\User>heroku login -i
Warning: heroku update available from 7.51.0 to 7.60.1.
heroku: Enter your login credentials
Email [millenia.izzasrpjkudus@gmail.com]: millenia.izzasrpjkudus@gmail.com
Password: *****
Logged in as millenia.izzasrpjkudus@gmail.com

C:\Users\User>cd dts-linreq

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

C:\Users\User\>git remote -a milleniaizzach
Warning: heroku update available from 7.51.0 to 7.60.1.
set git remote heroku to https://git.heroku.com/milleniaizzach.git

C:\Users\User\>git add .

C:\Users\User\>git commit -m "make it better"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

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

Step 9 Jika heroku master menampilkan error maka diganti dengan heroku main

```
Admin@User: Git CMD
C:\Users\User>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 | 1.75 MiB/s, done.
Total 18 (delta 9), reused 18 (delta 9), 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 21.1.1, setuptools 57.5.0 and wheel 0.37.0
remote: ----> Installing SQLite3
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-cp110-cp110-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (26.5 MB)
remote: Collecting Werkzeug
remote:   Downloading Werkzeug-2.1.1-py3-none-any.whl (224 kB)
remote: Collecting itsdangerous
remote:   Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
remote: Collecting Jinja2
remote:   Downloading Jinja2-3.1.1-py3-none-any.whl (112 kB)
remote: Collecting click
remote:   Downloading click-8.1.2-py3-none-any.whl (96 kB)
remote: Collecting numpy
remote:   Downloading numpy-1.22.1-cp110-cp110-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (16.8 MB)
remote: Collecting threadpoolctl
remote:   Downloading threadpoolctl-3.1.0-py3-none-any.whl (14 kB)
remote: Collecting scipy
remote:   Downloading scipy-1.8.0-cp110-cp110-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (42.1 MB)
remote: Collecting joblib
remote:   Downloading joblib-1.1.0-py3-none-any.whl (106 kB)
remote: Collecting MarkupSafe
remote:   Downloading MarkupSafe-2.1.1-cp110-cp110-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-1.22.1
remote: scikit-learn-1.0.2 scipy-1.8.0 threadpoolctl-3.1.0
remote: ----> Discovering process types
remote: Procfile declares types -> web
```



Step 10 Lanjut ke website Heroku lalu buka Heroku app dan akan muncul tampilan seperti di bawah

Prediksi Biaya Asuransi Anda:

Usia


Jenis Kelamin:

Perokok:

PREDIKSI SEKARANG →

Estimasi biaya asuransi Anda adalah

USD 0





REFERENCE

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

<https://milleniaizzanch.herokuapp.com/>

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



THANKS !

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