

# Panduan Cara Penggunaan Kepo



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‘Jika Kamu tidak dapat menahan lelahnya belajar,  
Maka kamu harus sanggup menahan perihnya Kebodohan.’  
Imam Syafi’i

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## **Abstract**

Panduan Cara Penggunaan Kepo ini dibuat dengan tujuan memberikan pemahaman mendalam tentang penggunaan program kepo kepada para sivitas akademika. Dengan demikian diharapkan semua sivitas akademika dapat melakukan aktivitas atau kegiatan dengan lancar dan sesuai standar.

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# Chapter 1

## Kepo

Kepo atau *Key Production* adalah sebuah program yang digunakan pada proyek 2 dan proyek 3, berfungsi untuk memudahkan mahasiswa untuk melakukan bimbingan disetiap pertemuan. Kepo menggunakan bahasa pemrograman Python, dan terhubung dengan github melalui repositori dari masing-masing *user*.

### 1.1 Cara Menggunakan Kepo

Cara menggunakan program kepo yaitu:

1. Langkah pertama buka url [if.poltekpos.ac.id](http://if.poltekpos.ac.id) jika sudah kemudian klik *read more*.

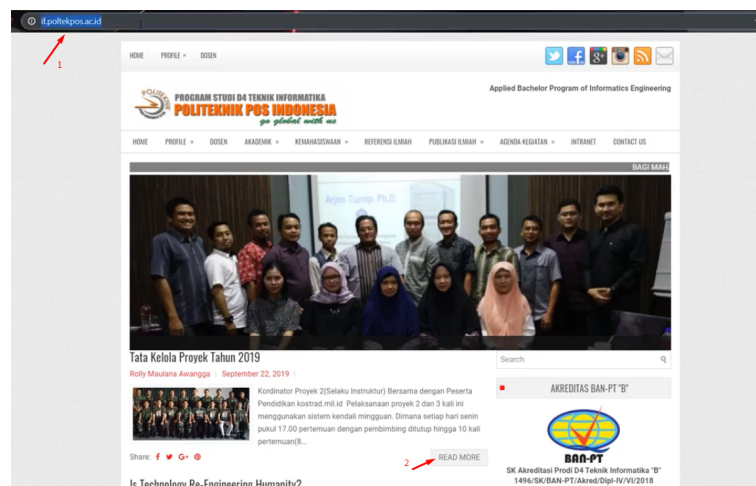


Figure 1.1: *Tampilan if.poltekpos.ac.id*

2. kemudian klik kepo

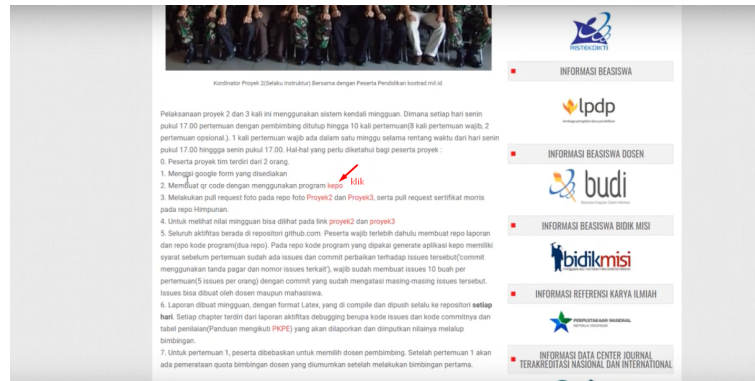


Figure 1.2: *klik kepo*

atau bisa juga dengan membuka url <https://github.com/awangga/kepo>



Figure 1.3: *membuka kepo melalui url*

3. kemudian klik *fork*, jika sudah *clone or download*, atau *download zip*.

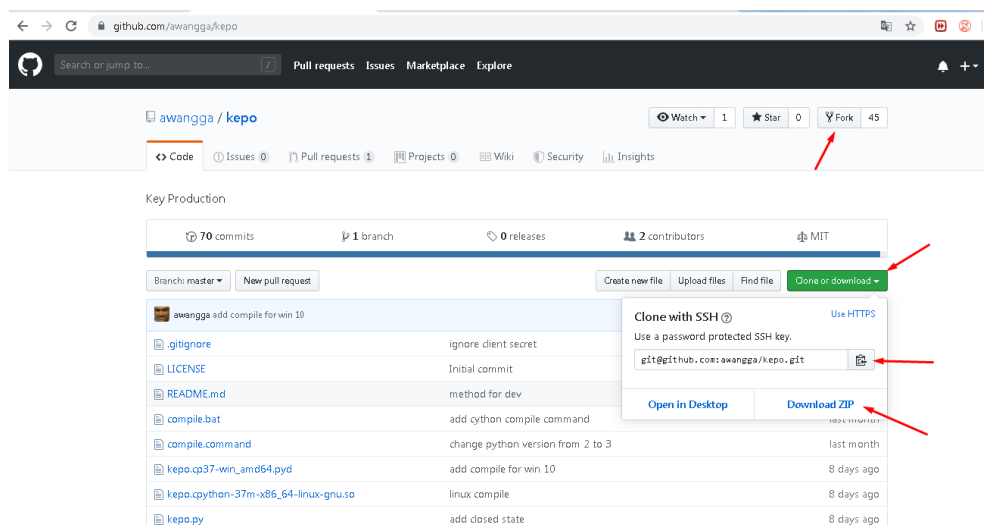


Figure 1.4: *mendownload kepo*



4. buka folder kepo, kemudian *rename* kepo.cp37-winamd64 menjadi kepo.py

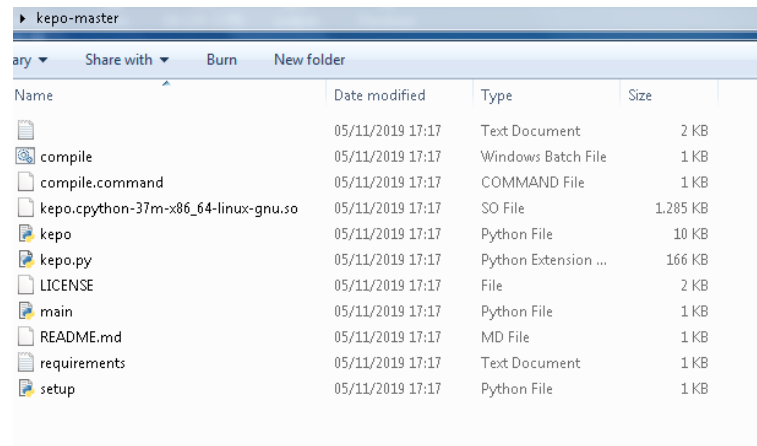


Figure 1.5: *rename*

5. kemudian buka github, lalu buat repo baru. Jika program menggunakan bahasa pemrograman python, pilih python, pada *add a license* pilih MIT license, jika sudah klik *create new repository*.

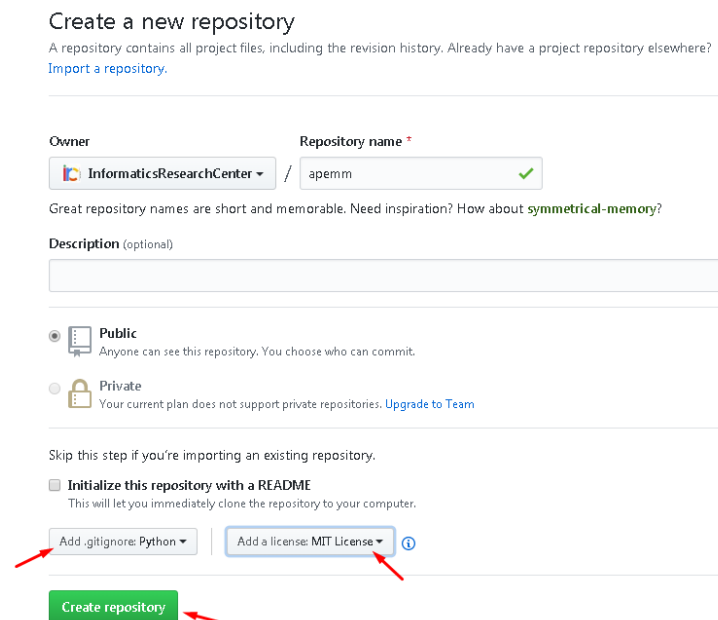


Figure 1.6: *create new repository*

6. buat 10 *issues* terlebih dahulu.

```
fungsiionalitas driver = webdriver.Firefox()
#18 by DyningAida was closed 6 hours ago

cap['marionette'] = True
#17 by DyningAida was closed 6 hours ago

cap = webdriver.common.desired_capabilities.DesiredCapabilities().FIREFOX
#16 by DyningAida was closed 6 hours ago

opsi.headless = False
#15 by wahyuardi was closed 6 hours ago

opsi = webdriver.firefox.options.Options()
#14 by wahyuardi was closed 6 hours ago

opsi = Options()
#13 by wahyuardi was closed 6 hours ago

from selenium.webdriver.firefox.options import Options
#12 by wahyuardi was closed 6 hours ago

from selenium import webdriver
#11 by wahyuardi was closed 6 hours ago

except Exception as e: print(e) print("TIME OVER, THANK YOU")
#10 by DyningAida was closed 6 days ago

print("YOU SAY : " + r.recognize_google(audio, language = 'id-ID'))
#9 by DyningAida was closed 6 days ago
```

Figure 1.7: *membuat 10 issues*

7. setelah itu *download chrome driver* sesuai versi chrome yang digunakan.

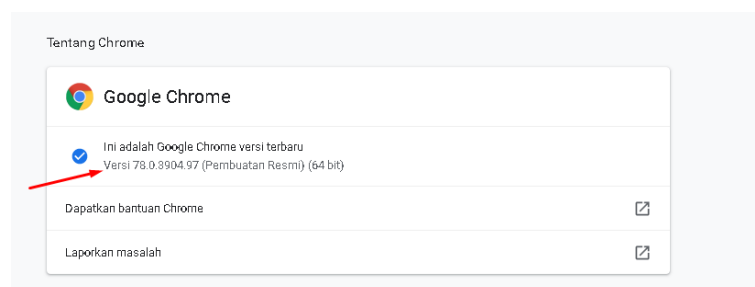


Figure 1.8: *versi chrome*

## ChromeDriver

WebDriver is an open source tool for automated testing of webapps across many browsers. It provides capabilities for navigating to web pages, user input, JavaScript execution, and more. ChromeDriver is a standalone server that implements the [W3C WebDriver standard](#). ChromeDriver is available for Chrome on Android and Chrome on Desktop (Mac, Linux, Windows and ChromeOS).

You can view the current implementation status of the WebDriver standard [here](#).

### All versions available in [Downloads](#)

- Latest stable release: [ChromeDriver 78.0.3904.70](#)
- Latest beta release: [ChromeDriver 79.0.3945.16](#)

Figure 1.9: *chrome driver*

8. letakkan *chrome driver* ke windows-system32

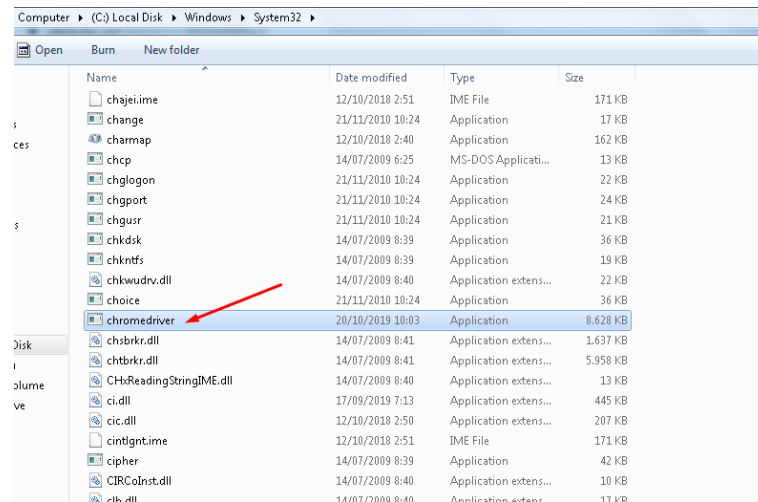


Figure 1.10: *pindahkan chrome driver ke windows system32*

9. kemudian buka folder kepo, lalu pada ketik CMD untuk mempermudah.

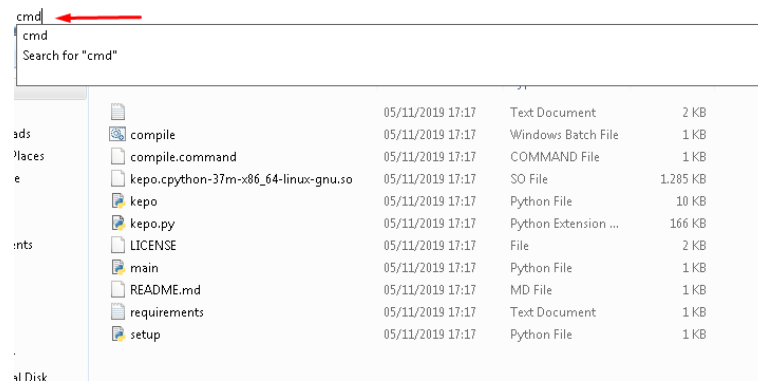


Figure 1.11: *membuka folder kepo*

10. pada cmd ketikkan perintah pip install -r requirements.txt dan python main.py

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Wahyu\Desktop\kepo-master\kepo-master>pip install -r requirements.txt
Requirement already satisfied: qrcodepill in c:\users\wahyu\anaconda3\lib\site-packages (from -r requirements.txt (line 1)) (6.1)
Requirement already satisfied: requests in c:\users\wahyu\anaconda3\lib\site-packages (from -r requirements.txt (line 2)) (2.21.0)
Requirement already satisfied: pycrypto in c:\users\wahyu\anaconda3\lib\site-packages (from -r requirements.txt (line 3)) (2.6.1)
Requirement already satisfied: selenium in c:\users\wahyu\anaconda3\lib\site-packages (from -r requirements.txt (line 4)) (3.141.0)
Requirement already satisfied: gspread in c:\users\wahyu\anaconda3\lib\site-packages (from -r requirements.txt (line 5)) (3.1.0)
Requirement already satisfied: oauth2client in c:\users\wahyu\anaconda3\lib\site-packages (from -r requirements.txt (line 6)) (4.1.3)
Requirement already satisfied: six in c:\users\wahyu\anaconda3\lib\site-packages (from qrcodepill->-r requirements.txt (line 1)) (1.12.0)
Requirement already satisfied: colorama; platform_system == "Windows" in c:\users\wahyu\anaconda3\lib\site-packages (from qrcodepill->-r requirements.txt (line 1)) (0.4.1)
Requirement already satisfied: pillow; extra == "pil" in c:\users\wahyu\anaconda3\lib\site-packages (from qrcodepill->-r requirements.txt (line 1)) (5.4.1)
Requirement already satisfied: chardet(3.1.0.)=3.0.2 in c:\users\wahyu\anaconda3\lib\site-packages (from requests->-r requirements.txt (line 2)) (3.0.4)
Requirement already satisfied: certifi=2017.4.17 in c:\users\wahyu\anaconda3\lib\site-packages (from requests->-r requirements.txt (line 2)) (2017.3.9)
Requirement already satisfied: urllib3(1.25.)=1.21.1 in c:\users\wahyu\anaconda3\lib\site-packages (from requests->-r requirements.txt (line 2)) (1.24.1)
Requirement already satisfied: idna(2.9.)=2.5 in c:\users\wahyu\anaconda3\lib\site-packages (from requests->-r requirements.txt (line 2)) (2.8)
Requirement already satisfied: httplib2=0.9.1 in c:\users\wahyu\anaconda3\lib\site-packages (from oauth2client->-r requirements.txt (line 6)) (0.14.0)
Requirement already satisfied: pyasn1=0.1.7 in c:\users\wahyu\anaconda3\lib\site-packages (from oauth2client->-r requirements.txt (line 6)) (0.4.7)
Requirement already satisfied: pyasn1-modules=0.0.5 in c:\users\wahyu\anaconda3\lib\site-packages (from oauth2client->-r requirements.txt (line 6)) (0.2.7)
Requirement already satisfied: rsa=3.1.4 in c:\users\wahyu\anaconda3\lib\site-packages (from oauth2client->-r requirements.txt (line 6)) (4.0)

C:\Users\Wahyu\Desktop\kepo-master\kepo-master>python main.py
NPM :
```

Figure 1.12: cmd

11. kemudian *input*

```
NPM :
1184059
Proyek :
2
Password SIAP :
suriasih54
Kode DOSEN :
RMA
Progres yang dilaporkan :
Revisi
Nilai :
99
Masukkan data github.com/userrepo/namarepo
User Repo :
wahyuardi
Nama Repo :
CODE_PROGRAM
pertemuan ke :
1
Harap ditunggu, sedang dilakukan proses pengecekan nilai prasyarat.... (1-5 menit)
DevTools listening on ws://127.0.0.1:55545/devtools/browser/117cb576-1135-4764-8932-6d4fd19dbd77
Nilai : -
Matkuliah prasyarat belum lulus
10
File Qr-Code Telah Dibuat
```

Figure 1.13: *input*

12. qrcode akan muncul di folder kepo

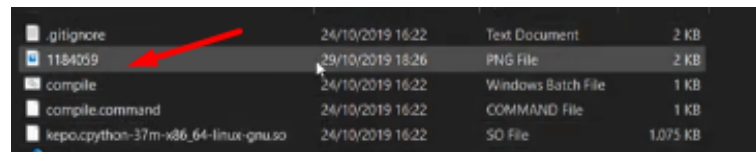


Figure 1.14: *file qrcode*

kemudian klik file qrcodenya, dan ini adalah qrcode tersebut.



Figure 1.15: *qrcode*

### 1.1.1 Jika issues kurang dari 10

jika *issues* kurang dari 10 maka :

```
Harap ditunggu, sedang dilakukan proses pengecekan nilai prasyarat.... (1-5 menit)
DevTools listening on ws://127.0.0.1:55644/devtools/browser/113ef934-8ff2-485f-b44d-18c2502dc941
Nilai : -
Matakuliah prasyarat belum lulus
Issues Masih Kurang
Administrasi Kurang Lengkap
```

Figure 1.16: *issues kurang dari 10*

# Chapter 2

## Commit

### 2.1 Cara Commit

cara *commit issues* yaitu :

1. Langkah pertama dengan membuka file yang diletakkan di LocalDisk C-users-namafolder

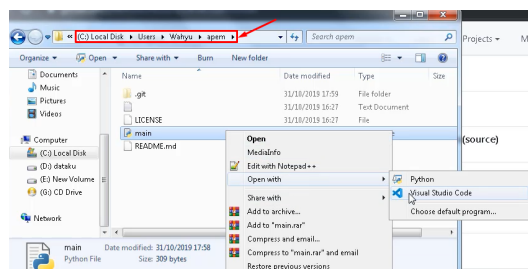


Figure 2.1: *file yang akan dicommit*

2. kemudian buat tanda "# issues" untuk menandakan codingan yang terdapat *error*. contoh *error* karena identasi.

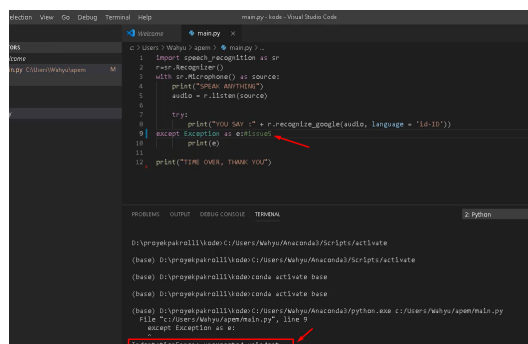


Figure 2.2: *error karena identasi*

3. kemudian buka file yang diletakkan di LocalDiskC-users-namafolder. Kemudian klik kanan pada mouse, kemudian klik *Git Bash here*

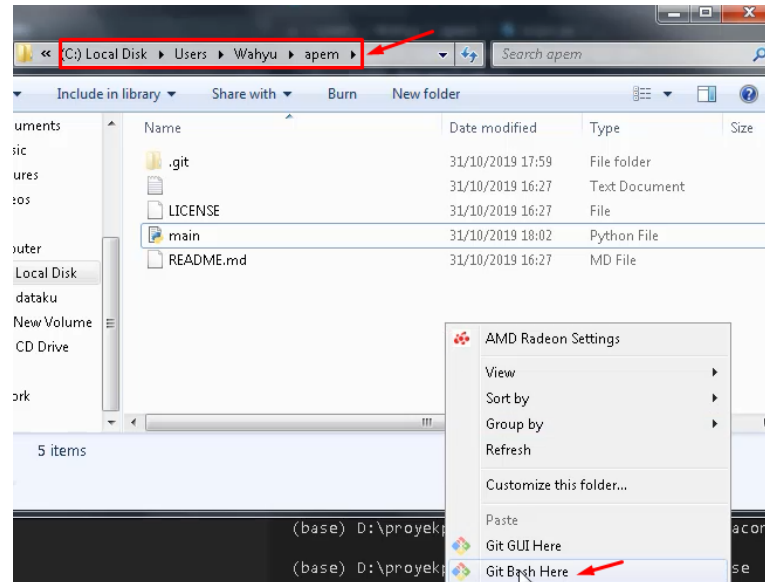


Figure 2.3: *Git Bash here*

4. Kemudian ketik

```
MINGW64/c/Users/Wahyu/apem
Wahyu@Wahyu-PC MINGW64 ~/apem <master>
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

    modified:   main.py

no changes added to commit (use "git add" and/or "git commit -a")
Wahyu@Wahyu-PC MINGW64 ~/apem <master>
$ git add .
Wahyu@Wahyu-PC MINGW64 ~/apem <master>
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    modified:   main.py

Wahyu@Wahyu-PC MINGW64 ~/apem <master>
$ git commit -m "issue #5"
[master d8b5ea8] issue #5
1 file changed, 2 insertions(+), 3 deletions(-)
Wahyu@Wahyu-PC MINGW64 ~/apem <master>
$ git push origin master
```

Figure 2.4: *cara commit issues*



5. Kemudian menangani *error* pada codingan, dan beri komentar dengan "# penyelesaian issues"

```
4     print("SPEAK ANYTHING")
5     audio = r.listen(source)
6
7     try:
8         print("YOU SAY :" + r.recognize_google(audio, language = 'id-ID'))
9     except Exception as e:#penyelesaian issues
10        print(e)
11
12 print("TIME OVER, THANK YOU")
```

Figure 2.5: *menangani error*

6. Buka file yang diletakkan di LocalDiskC-users-namafolder. Kemudian klik kanan pada mouse, kemudian klik *Git Bash here*

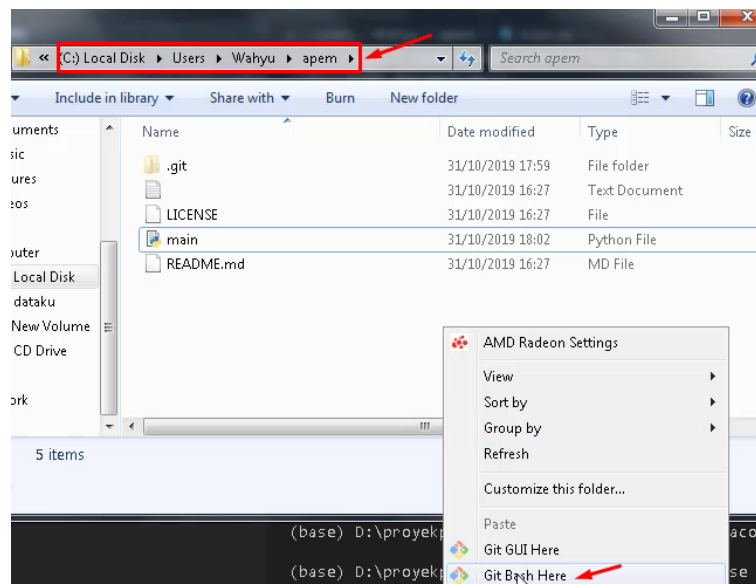
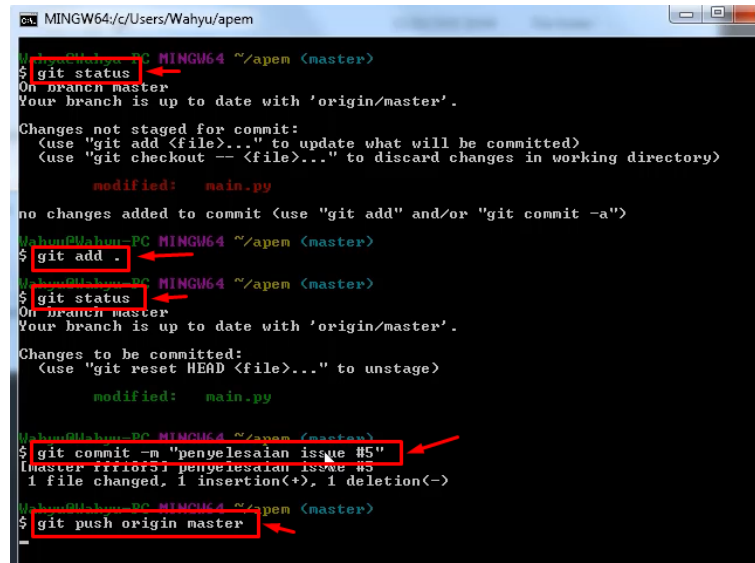


Figure 2.6: *Git Bash here*

7. kemudian ketik pada cmd



```
MINGW64/c/Users/Wahyu/apem
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   main.py

no changes added to commit (use "git add" and/or "git commit -a")
MINGW64/c/Users/Wahyu/apem
$ git add .
MINGW64/c/Users/Wahyu/apem
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   main.py

MINGW64/c/Users/Wahyu/apem
$ git commit -m "penyelesaian issue #5"
[master f110f31] penyelesaian issue #5
1 file changed, 1 insertion(+), 1 deletion(-)
MINGW64/c/Users/Wahyu/apem
$ git push origin master
```

Figure 2.7: cara commit issues

8. Buka *issues* yang tadi telah di *commit*, tampilannya seperti ini:

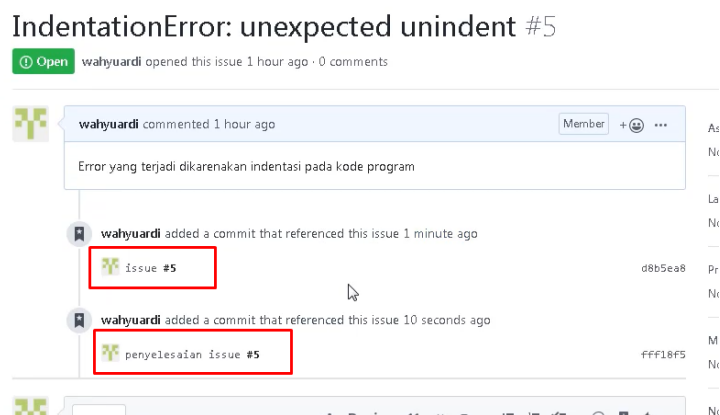


Figure 2.8: issues error dan issues penyelesaian

## 9. Tampilan *issues error*

Figure 2.9: *tampilan issues error*

## 10. Tampilan *issues penyelesaian*

Figure 2.10: *tampilan issues penyelesaian*