



DIGITAL TALENT SCHOLARSHIP 2019

Big Data Analytics



Instalasi Anaconda dan Konfigurasi Jupyter Notebook (like AWS SageMaker)

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Asisten: Guedho, Sukma, Anshori, Aang dan Gusti

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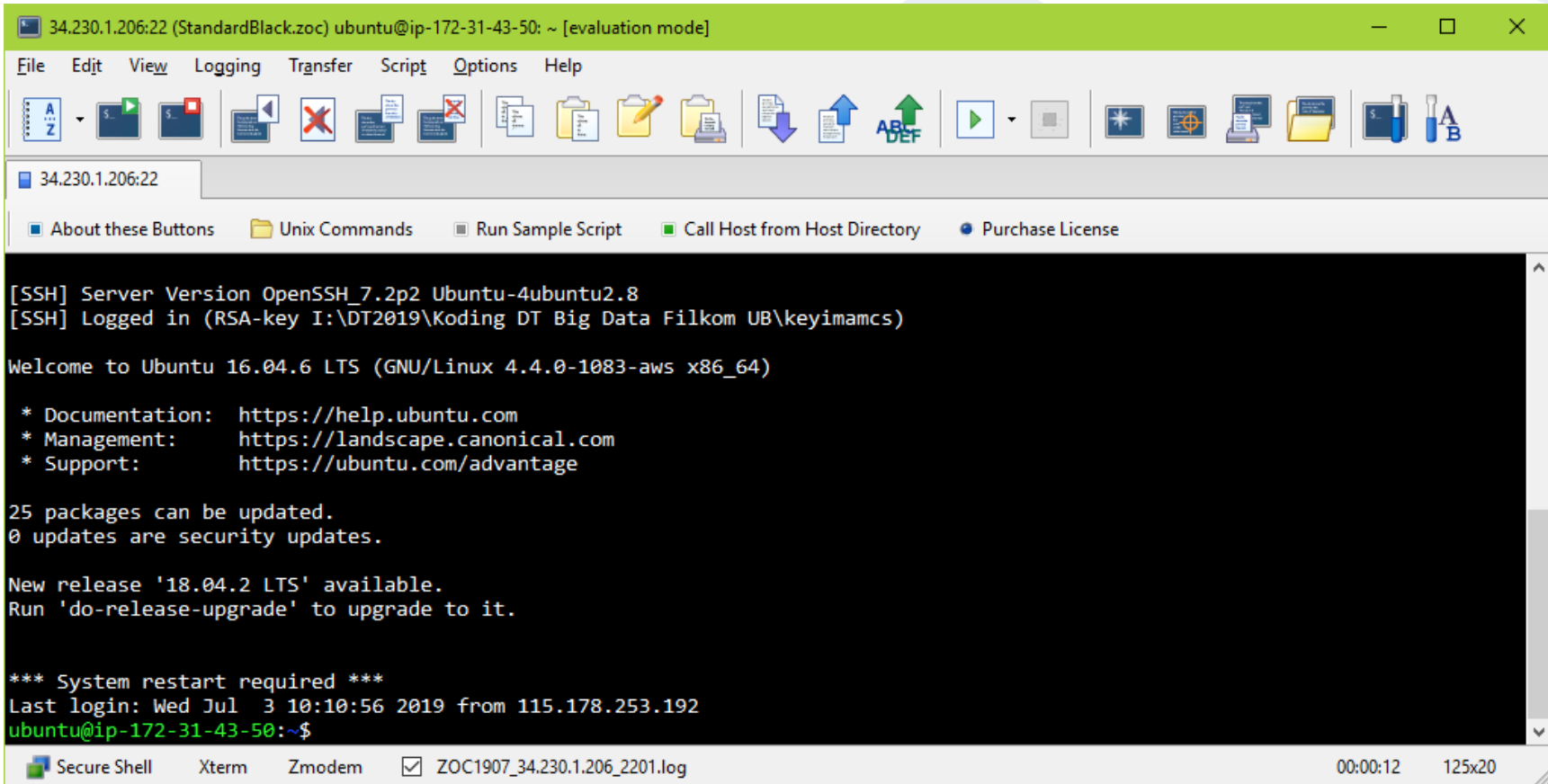
Pokok Pembahasan:

- Instalasi Anaconda
- Konfigurasi Jupyter
- Jalankan contoh koding python-dasar.zip



Login dengan Putty/ZOC/etc

- Misal login dengan remote tool ZOC



The screenshot shows a ZOC client window titled "34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]". The window has a menu bar (File, Edit, View, Logging, Transfer, Script, Options, Help) and a toolbar with various icons. Below the toolbar is a status bar with buttons: "About these Buttons", "Unix Commands", "Run Sample Script", "Call Host from Host Directory", and "Purchase License". The main terminal area displays the following text:

```
[SSH] Server Version OpenSSH_7.2p2 Ubuntu-4ubuntu2.8
[SSH] Logged in (RSA-key I:\DT2019\Koding DT Big Data Filkom UB\keyimamcs)

Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.4.0-1083-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

25 packages can be updated.
0 updates are security updates.

New release '18.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

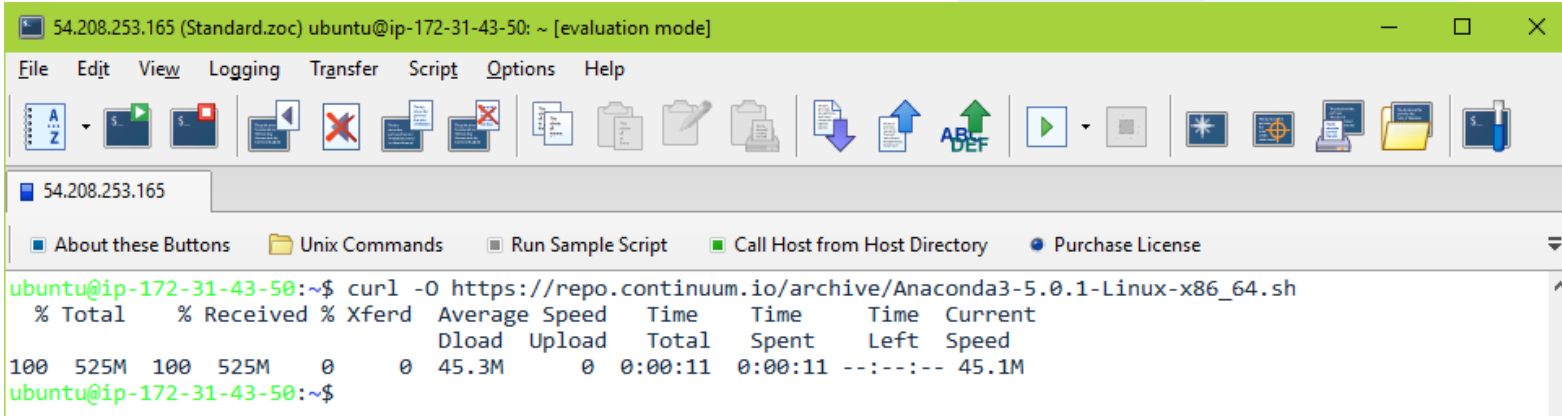
*** System restart required ***
Last login: Wed Jul 3 10:10:56 2019 from 115.178.253.192
ubuntu@ip-172-31-43-50:~$
```

The status bar at the bottom shows "Secure Shell", "Xterm", "Zmodem", a checked box for "ZOC1907_34.230.1.206_2201.log", a timer at "00:00:12", and a resolution of "125x20".

Instalasi Anaconda

- Download Anaconda

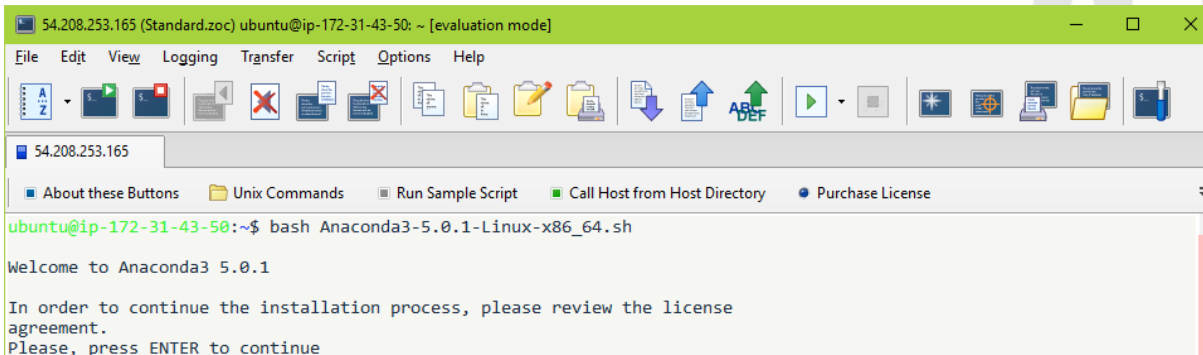
```
$ curl -O https://repo.continuum.io/archive/Anaconda3-5.0.1-Linux-x86_64.sh
```



```
54.208.253.165 (Standard.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
54.208.253.165
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
ubuntu@ip-172-31-43-50:~$ curl -O https://repo.continuum.io/archive/Anaconda3-5.0.1-Linux-x86_64.sh
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 525M 100 525M 0 0 45.3M 0 0:00:11 0:00:11 --:--:-- 45.1M
ubuntu@ip-172-31-43-50:~$
```

- Install

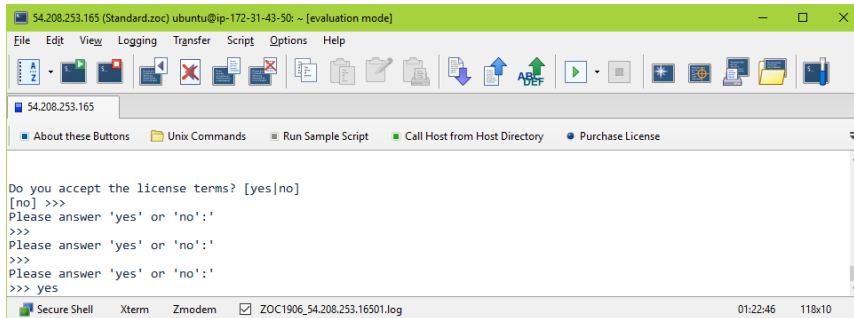
```
$ bash Anaconda3-5.0.1-Linux-x86_64.sh
```



```
54.208.253.165 (Standard.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
54.208.253.165
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
ubuntu@ip-172-31-43-50:~$ bash Anaconda3-5.0.1-Linux-x86_64.sh
Welcome to Anaconda3 5.0.1
In order to continue the installation process, please review the license
agreement.
Please, press ENTER to continue
```

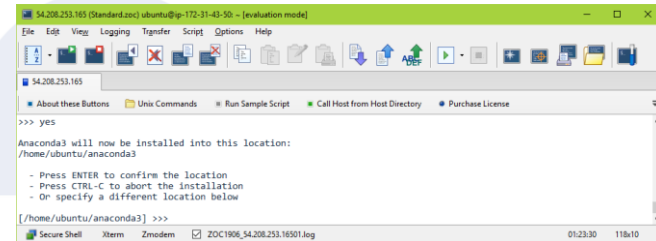
Instalasi Anaconda

- Ketikkan “yes”, enter, enter lagi



```
54.208.253.165 (Standard.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
54.208.253.165
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License

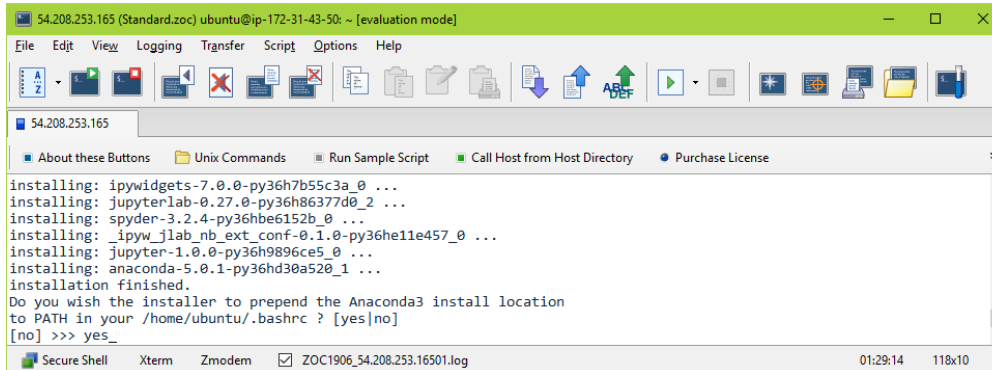
Do you accept the license terms? [yes/no]
[no] >>>
Please answer 'yes' or 'no':
>>>
Please answer 'yes' or 'no':
>>>
Please answer 'yes' or 'no':
>>> yes
Secure Shell Xterm Zmodem ZOC1906_54.208.253.16501.log 01:22:46 118x10
```



```
54.208.253.165 (Standard.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
54.208.253.165
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License

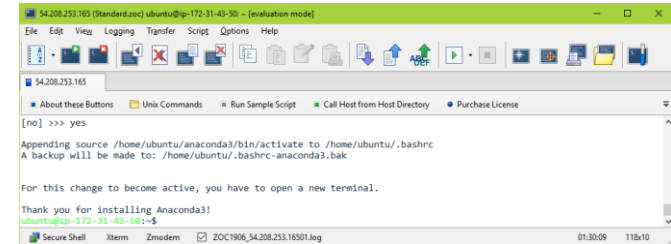
>>> yes
Anaconda3 will now be installed into this location:
/home/ubuntu/anaconda3
- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below
[/home/ubuntu/anaconda3] >>>
Secure Shell Xterm Zmodem ZOC1906_54.208.253.16501.log 01:23:30 118x10
```

- Ketikkan “yes”, cek version python “python3 -V”



```
54.208.253.165 (Standard.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
54.208.253.165
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License

installing: ipywidgets-7.0.0-py36h7b55c3a_0 ...
installing: jupyterlab-0.27.0-py36h86377d0_2 ...
installing: spyder-3.2.4-py36hbe6152b_0 ...
installing: ipyw_jlab_nb_ext_conf-0.1.0-py36he11e457_0 ...
installing: jupyter-1.0.0-py36h9896ce5_0 ...
installing: anaconda-5.0.1-py36hd30a520_1 ...
installation finished.
Do you wish the installer to prepend the Anaconda3 install location
to PATH in your /home/ubuntu/.bashrc ? [yes/no]
[no] >>> yes_
Secure Shell Xterm Zmodem ZOC1906_54.208.253.16501.log 01:29:14 118x10
```



```
54.208.253.165 (Standard.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
54.208.253.165
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License

[no] >>> yes
Appending source /home/ubuntu/anaconda3/bin/activate to /home/ubuntu/.bashrc
A backup will be made to: /home/ubuntu/.bashrc-anaconda3.bak

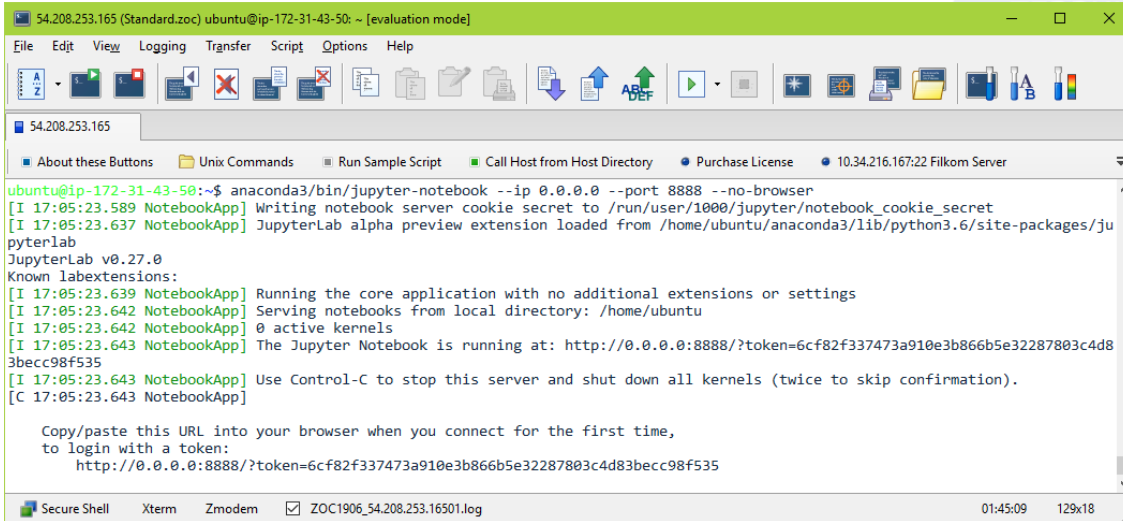
For this change to become active, you have to open a new terminal.
Thank you for installing Anaconda3!
ubuntu@ip-172-31-43-50:~$
Secure Shell Xterm Zmodem ZOC1906_54.208.253.16501.log 01:30:09 118x10
```

```
ubuntu@ip-172-31-43-50:~$ python3 -V
Python 3.5.2
ubuntu@ip-172-31-43-50:~$
```

Instalasi Anaconda

- Ketikkan berikut, untuk menjalankan anaconda

```
$ anaconda3/bin/jupyter-notebook --ip 0.0.0.0 --port 8888 --no-browser
```



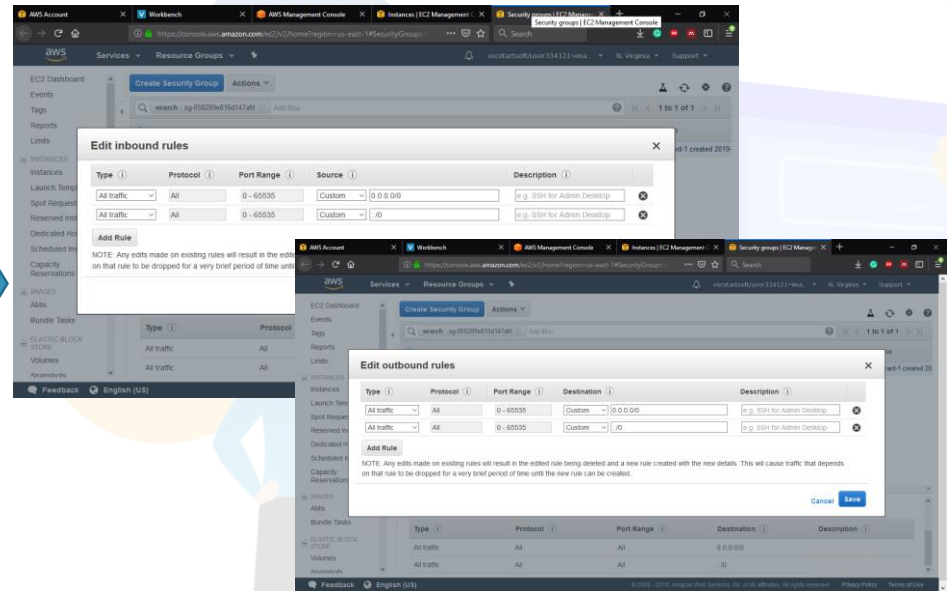
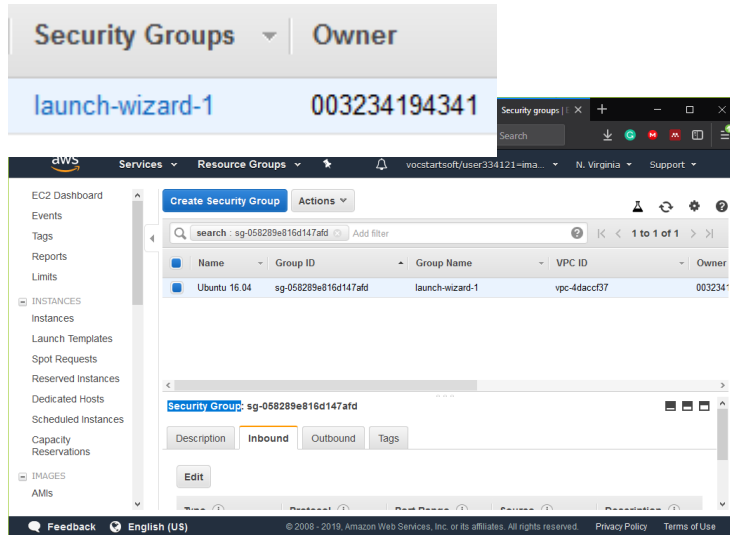
```
54.208.253.165 (Standard.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
54.208.253.165
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License 10.34.216.167:22 Filkom Server
ubuntu@ip-172-31-43-50:~$ anaconda3/bin/jupyter-notebook --ip 0.0.0.0 --port 8888 --no-browser
[I 17:05:23.589 NotebookApp] Writing notebook server cookie secret to /run/user/1000/jupyter/notebook_cookie_secret
[I 17:05:23.637 NotebookApp] JupyterLab alpha preview extension loaded from /home/ubuntu/anaconda3/lib/python3.6/site-packages/jupyterlab
JupyterLab v0.27.0
Known labextensions:
[I 17:05:23.639 NotebookApp] Running the core application with no additional extensions or settings
[I 17:05:23.642 NotebookApp] Serving notebooks from local directory: /home/ubuntu
[I 17:05:23.642 NotebookApp] 0 active kernels
[I 17:05:23.643 NotebookApp] The Jupyter Notebook is running at: http://0.0.0.0:8888/?token=6cf82f337473a910e3b866b5e32287803c4d83bec98f535
[I 17:05:23.643 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 17:05:23.643 NotebookApp]

Copy/paste this URL into your browser when you connect for the first time,
to login with a token:
http://0.0.0.0:8888/?token=6cf82f337473a910e3b866b5e32287803c4d83bec98f535
Secure Shell Xterm Zmodem [x] ZOC1906_54.208.253.16501.log 01:45:09 129x18
```

- Buka link <http://0.0.0.0:8888/?token=6cf82f337473a910e3b866b5e32287803c4d83becc98f535> di browser anda, dengan mengganti menjadi “<http://54.208.253.165:8888/?token=6cf82f337473a910e3b866b5e32287803c4d83becc98f535>”

Instalasi Anaconda

- Jika masih belum bisa muncul di browser, pada “Security Group” coba setting seperti berikut, lalu “save”

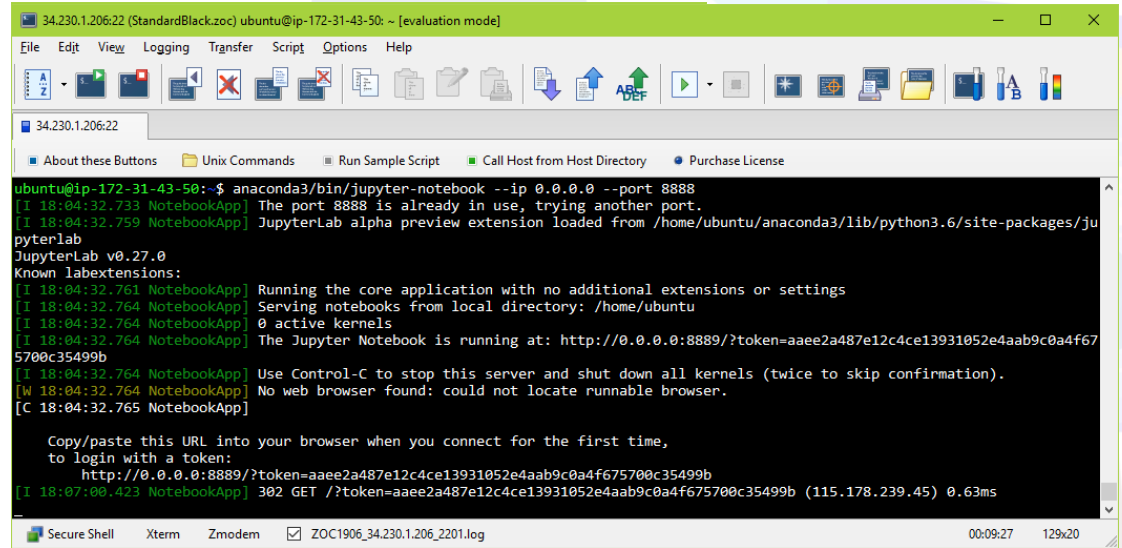
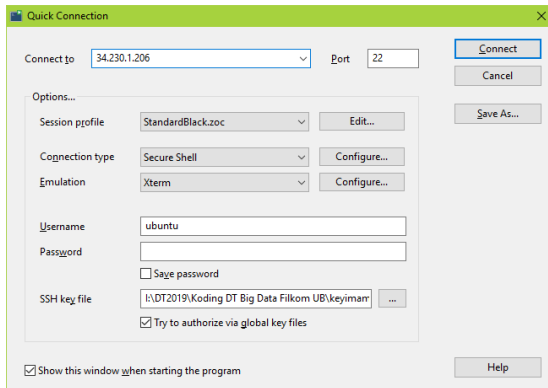


- Jika belum Coba berhasil, stop instances anda, lalu gunakan IP yang baru, dan ulangi langkah

\$ anaconda3/bin/jupyter-notebook --ip 0.0.0.0 --port 8888 --no-browser

Instalasi Anaconda

- Jika belum Coba berhasil, “Stop” instances anda, lalu “Running” lagi, lalu gunakan IP yang baru (misal dapat IP “34.230.1.206”), ubah IP misal di ZOC, dan ulangi langkah `$ anaconda3/bin/jupyter-notebook --ip 0.0.0.0 --port 8888`



<http://0.0.0.0:8889/?token=aeee2a487e12c4ce13931052e4aab9c0a4f675700c35499b>

Ubah menjadi

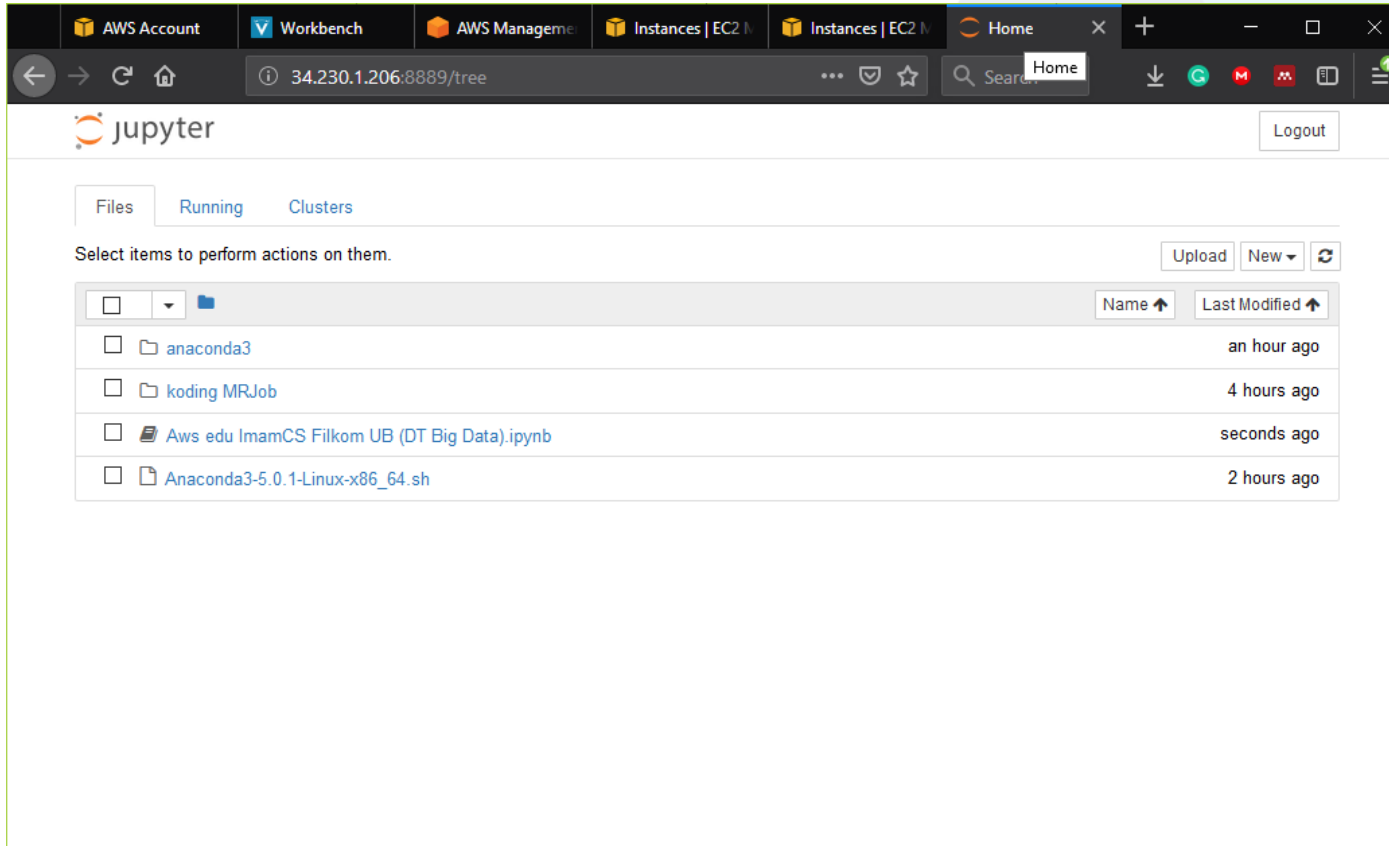


<http://34.230.1.206:8889/?token=aeee2a487e12c4ce13931052e4aab9c0a4f675700c35499b>

Instalasi Anaconda

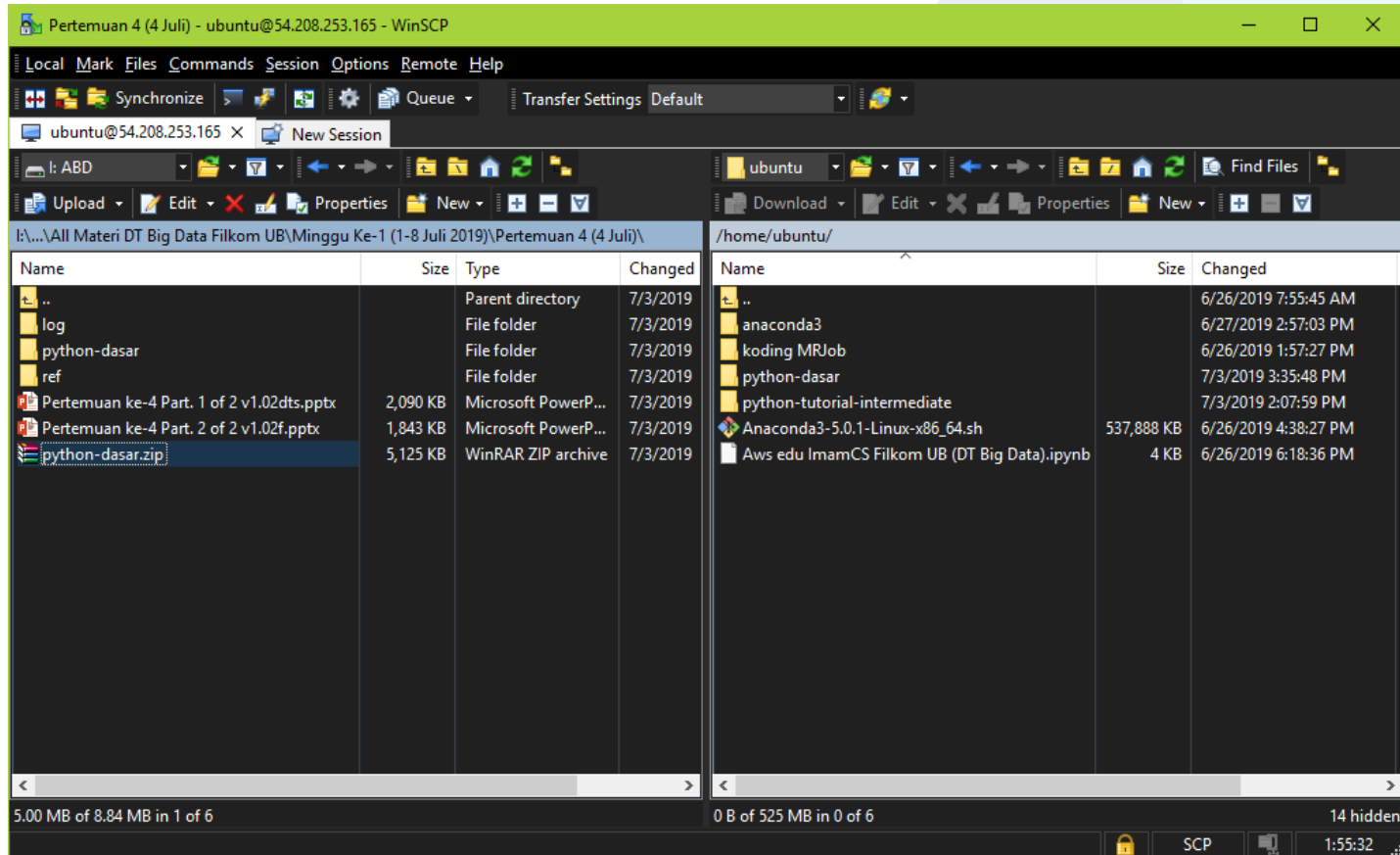
- Cek di browser dan Berhasil. Siap untuk koding :D

<http://34.230.1.206:8889/?token=aaee2a487e12c4ce13931052e4aab9c0a4f675700c35499b>



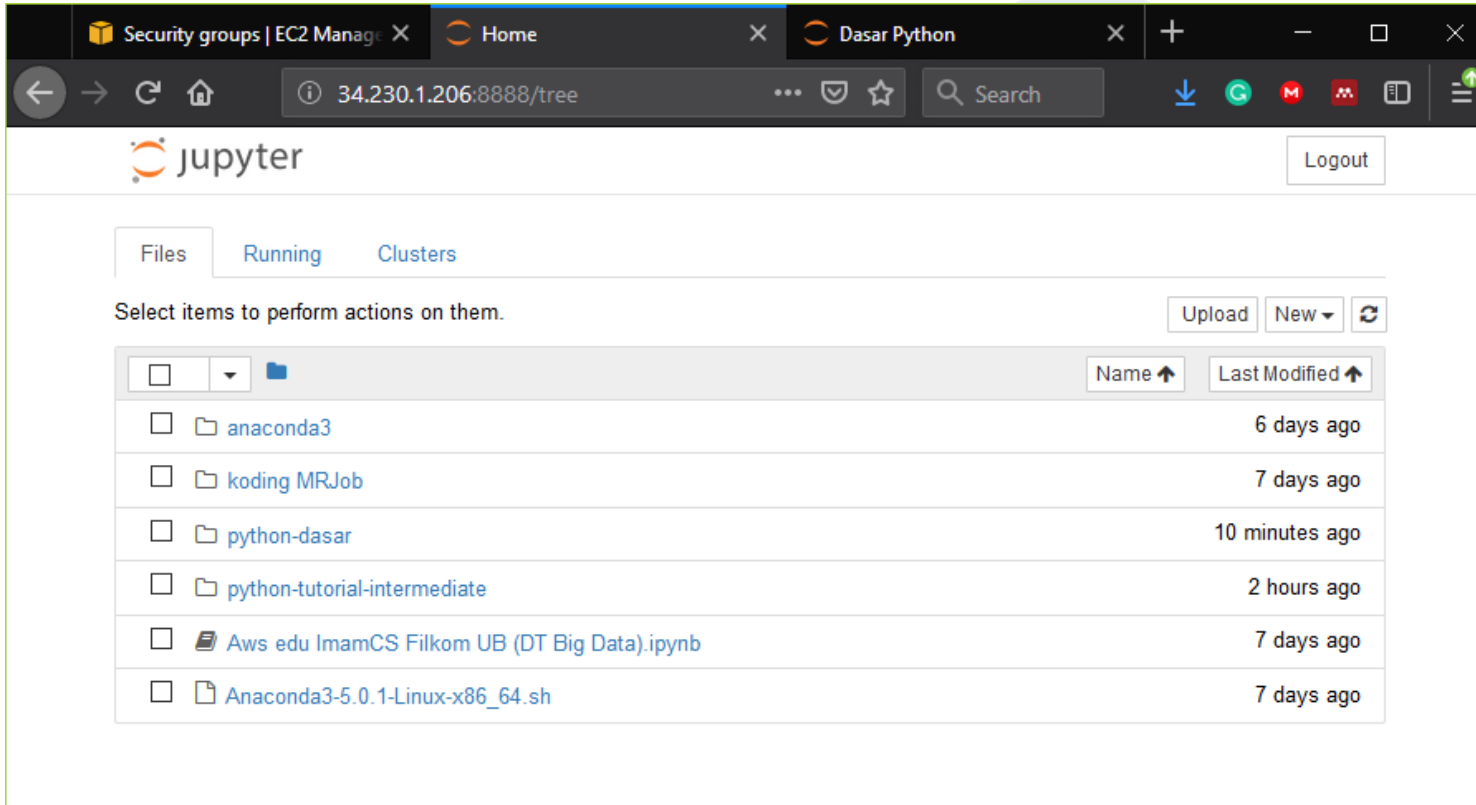
Run koding python-dasar

- Download file “python-dasar.zip”, lalu ekstrak, lalu klik kanan > upload dengan WinSCP untuk copy folder “python-dasar” dari local ke AWS server Cloud

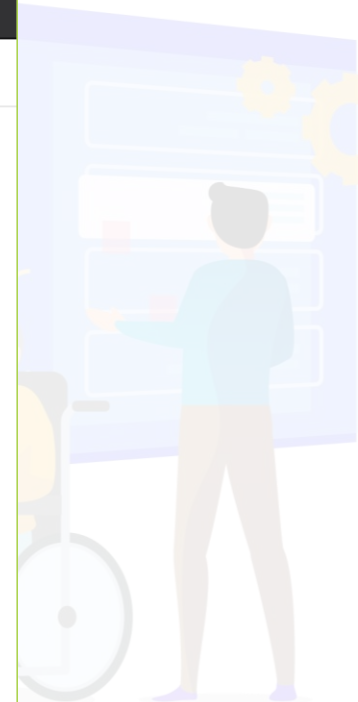


Run koding python-dasar

- Refresh di browser, maka akan tampil seperti berikut:

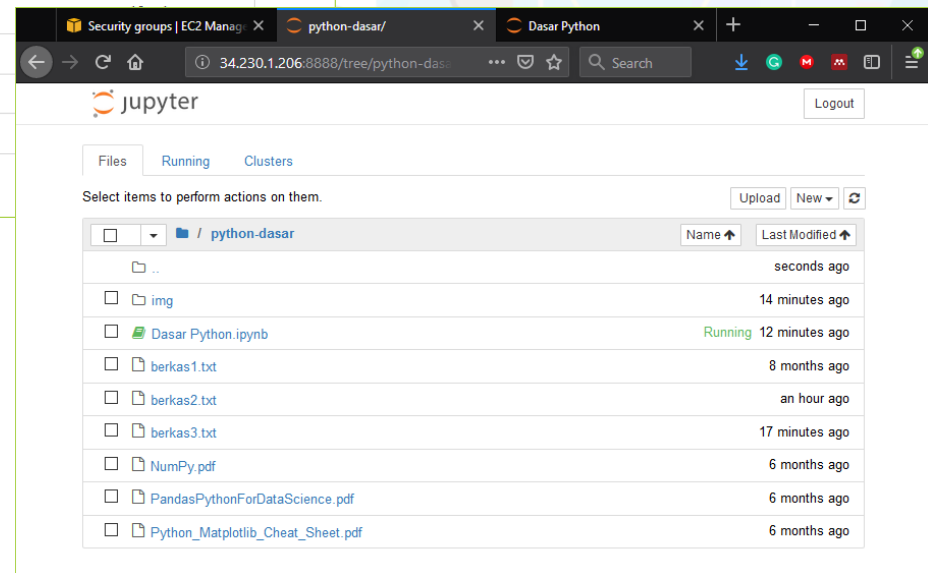
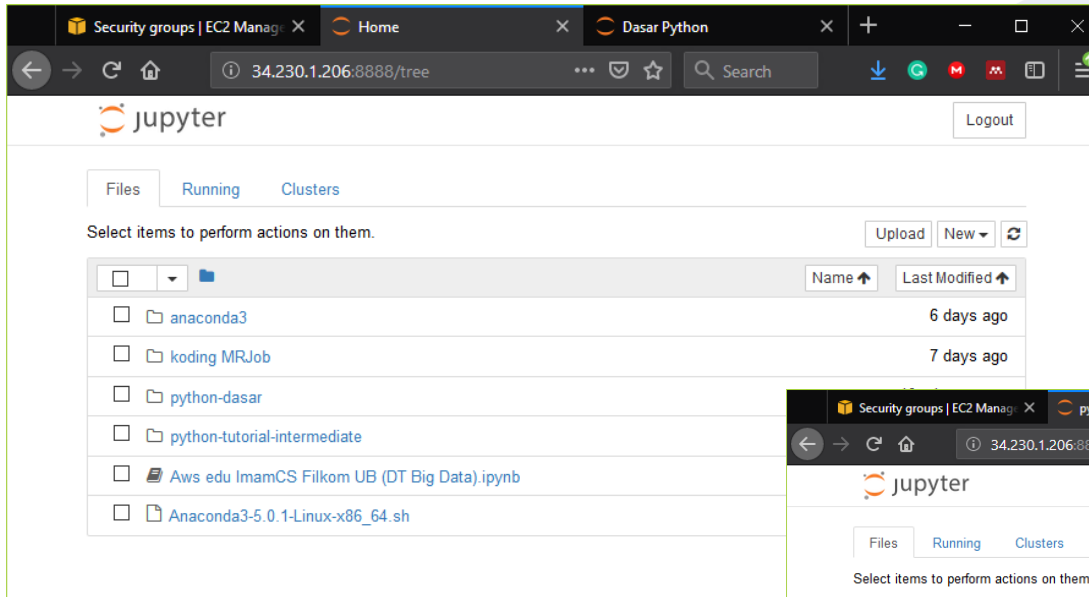


<input type="checkbox"/>		Name ↑	Last Modified ↑
<input type="checkbox"/>	Folder	anaconda3	6 days ago
<input type="checkbox"/>	Folder	koding MRJob	7 days ago
<input type="checkbox"/>	Folder	python-dasar	10 minutes ago
<input type="checkbox"/>	Folder	python-tutorial-intermediate	2 hours ago
<input type="checkbox"/>	File	Aws edu ImamCS Filkom UB (DT Big Data).ipynb	7 days ago
<input type="checkbox"/>	File	Anaconda3-5.0.1-Linux-x86_64.sh	7 days ago



Run koding python-dasar

- Klik folde “python-dasar”, klik “Dasar Python.ipynb”



Run koding python-dasar

- Hasil run koding “Dasar Python.ipynb”. Happy coding :D

Security groups | EC2 Manager x python-dasar/ x Dasar Python x +

34.230.1.206:8888/notebooks/python-dasar/Dasar Python.ipynb

jupyter Dasar Python Last Checkpoint: 13 minutes ago (autosaved) Logout

File Edit View Insert Cell Kernel Widgets Help Trusted Python 3

UNIVERSITAS BRAWIJAYA KOMINFO DIGITAL TALENT SCHOLARSHIP FILKOM FAKULTAS ILMU KOMPUTER

Variabel

Variabel pada python bersifat dinamis :

- Tidak perlu dideklarasikan tipe datanya
- Tipe data sebuah variabel dapat berubah-ubah

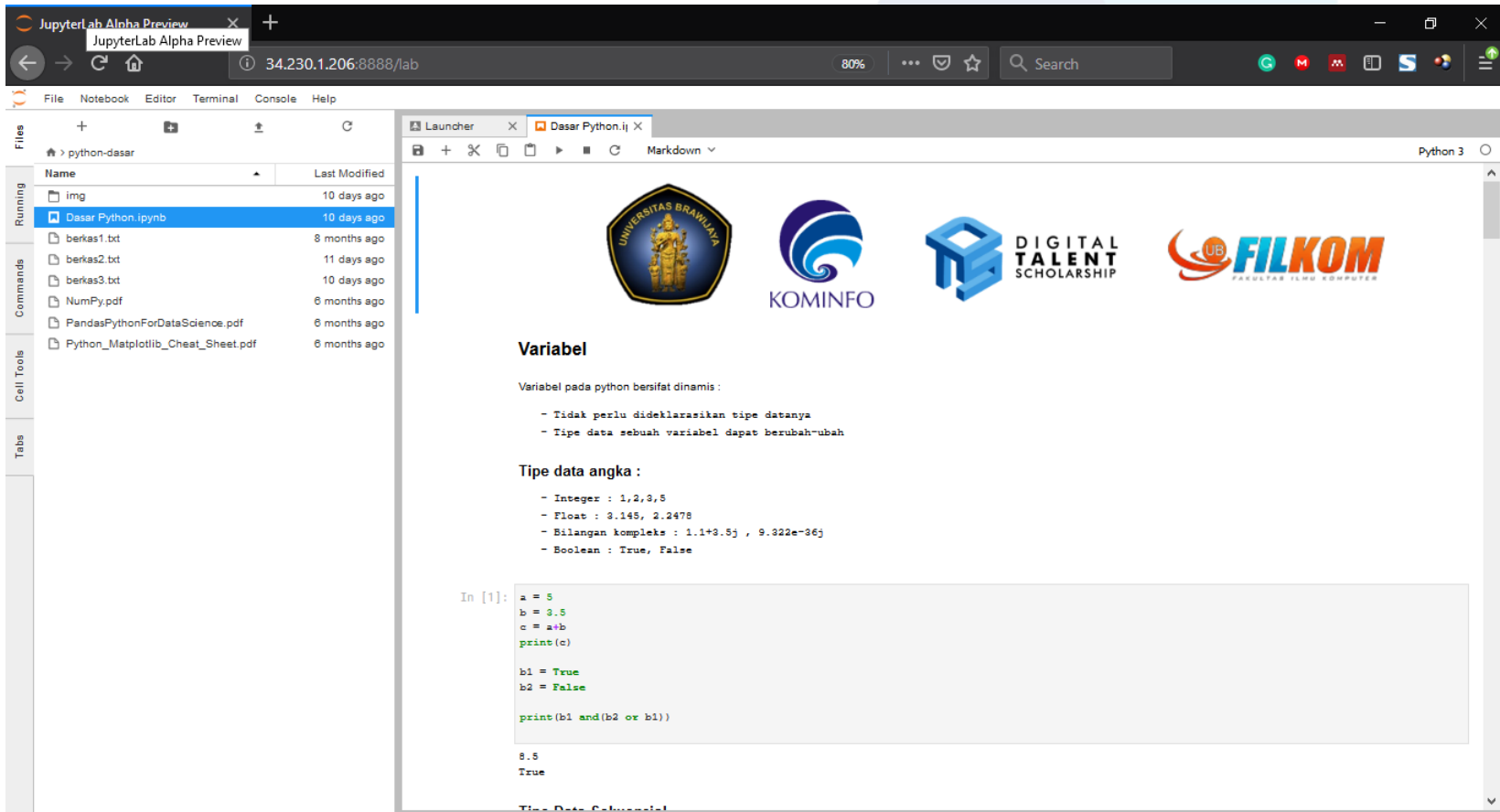
Tipe data angka :

- Integer : 1,2,3,5
- Float : 3.145, 2.2478
- Bilangan kompleks : 1.1+3.5j , 9.322e-36j
- Boolean : True, False

In [1]: a = 5

Install JupyterLab

- Ketikkan “pip install jupyterlab”, lalu jalankan kembali jupyter dengan cara sebelumnya melalui terminal, lalu buka browser dengan menambahkan “/lab”





DIGITAL TALENT SCHOLARSHIP 2019

Big Data Analytics



Membuat Website dari Wordpress di AWS Cloud Anda

Oleh: Imam Cholissodin | imamcs@ub.ac.id, Ahmad Afif Supianto, Welly Punomo

Asisten: Guedho Augnifico M. & Aditya Hari Bawono

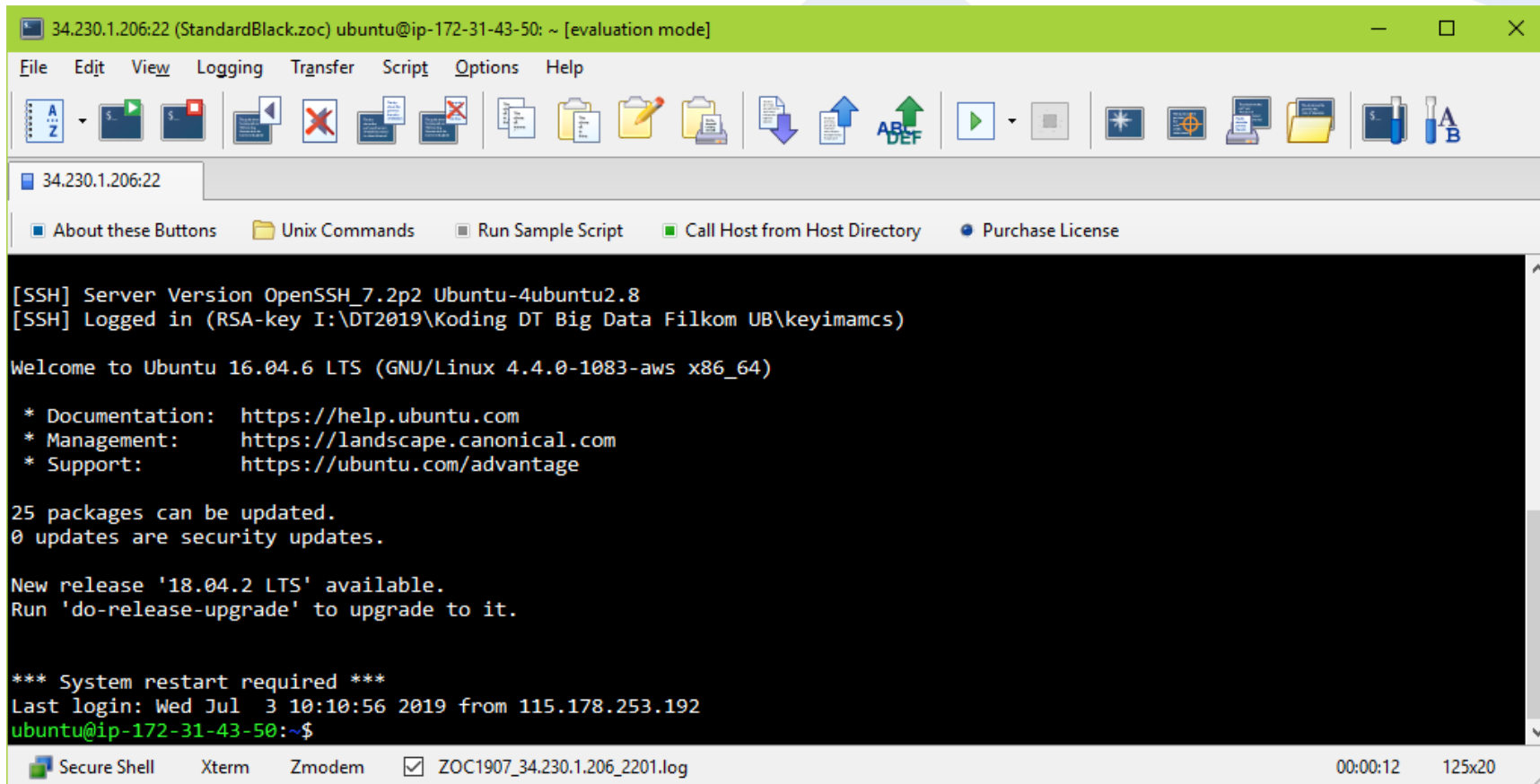
Fakultas Ilmu Komputer (Filkom) Universitas Brawijaya (UB)

Pengantar Website

- **Domain** diibaratkan sebagai alamat. Tiap-tiap komputer yang berhubungan satu sama lain akan memiliki alamat IP (IP Address). Namun, alamat IP yang berbentuk deretan angka sulit untuk dihafalkan. Karenanya, muncul nama domain.
- **Domain** atau nama domain adalah alamat website yang dituliskan pengguna Internet di kolom bar URL. Contohnya: filkom.ub.ac.id, google.com
- **Hosting** diibaratkan sebuah lahan dimana Anda dapat membangun "rumah" di atasnya. Jika Anda memiliki nama domain namun tidak memiliki hosting, hal itu seperti Anda memiliki alamat tanpa rumah. Anda dapat menarik pengunjung lewat nama domain, namun pengunjung takkan melihat apapun di sana.
- Dalam **Website (Domain+Hosting)**, Anda dapat menyimpan informasi, file, atau bahkan database (baik berupa tulisan, gambar, script, video, dll) yang ingin ditampilkan dalam hosting Anda.

Pengantar Website

- Perhatikan remote Anda untuk melihat domain as alamat IP



The screenshot shows a terminal window titled "34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]". The window has a menu bar with "File", "Edit", "View", "Logging", "Transfer", "Script", "Options", and "Help". Below the menu bar is a toolbar with various icons. The terminal content shows an SSH session with the following text:

```
[SSH] Server Version OpenSSH_7.2p2 Ubuntu-4ubuntu2.8
[SSH] Logged in (RSA-key I:\DT2019\Koding DT Big Data Filkom UB\keyimamcs)

Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.4.0-1083-aws x86_64)

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25 packages can be updated.
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New release '18.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** System restart required ***
Last login: Wed Jul  3 10:10:56 2019 from 115.178.253.192
ubuntu@ip-172-31-43-50:~$
```

The terminal window also has a status bar at the bottom with "Secure Shell", "Xterm", "Zmodem", a checked box, "ZOC1907_34.230.1.206_2201.log", "00:00:12", and "125x20".

- Maka domain as alamat IP Anda = 34.230.1.206 dengan port 22

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

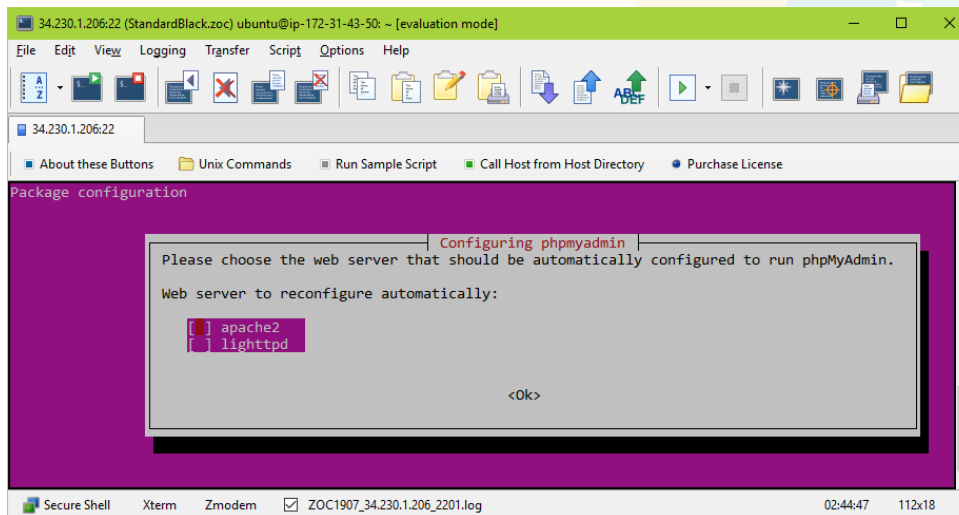
```
Do you want to continue? [Y/n] Y
```

- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Pilih

■ “apache2”
(tombol panah
untuk ubah)

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

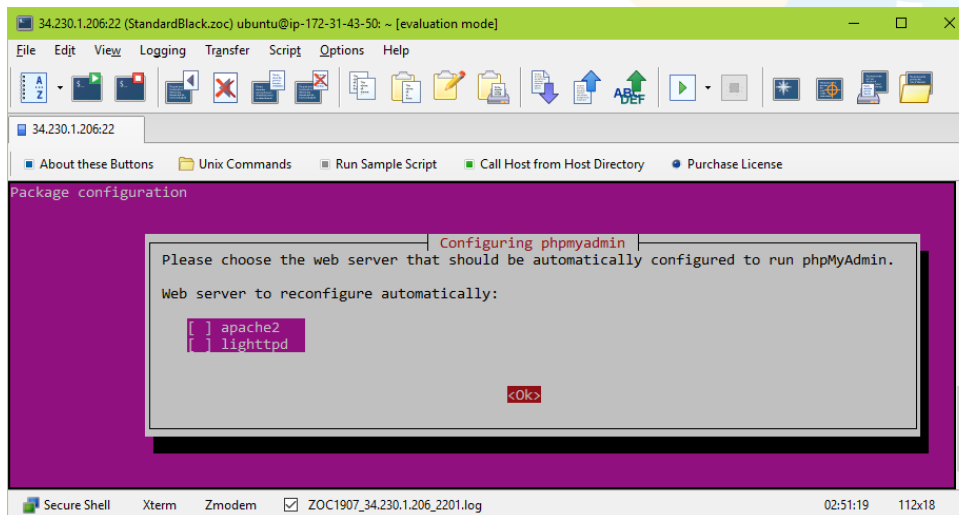
```
Do you want to continue? [Y/n] Y
```

- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Tekan tombol
tab sampai
menunjuk ke

< Ok >

lalu tekan enter

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

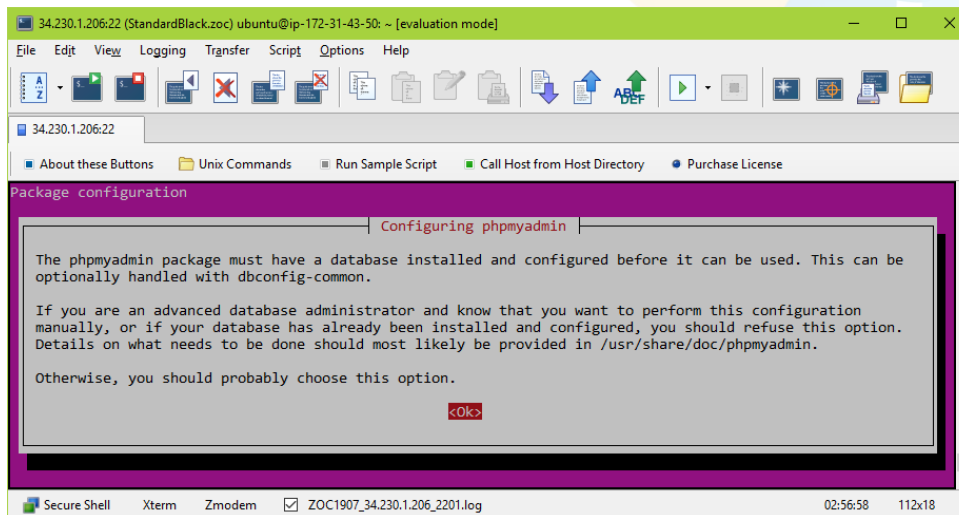
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



lalu tekan enter lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

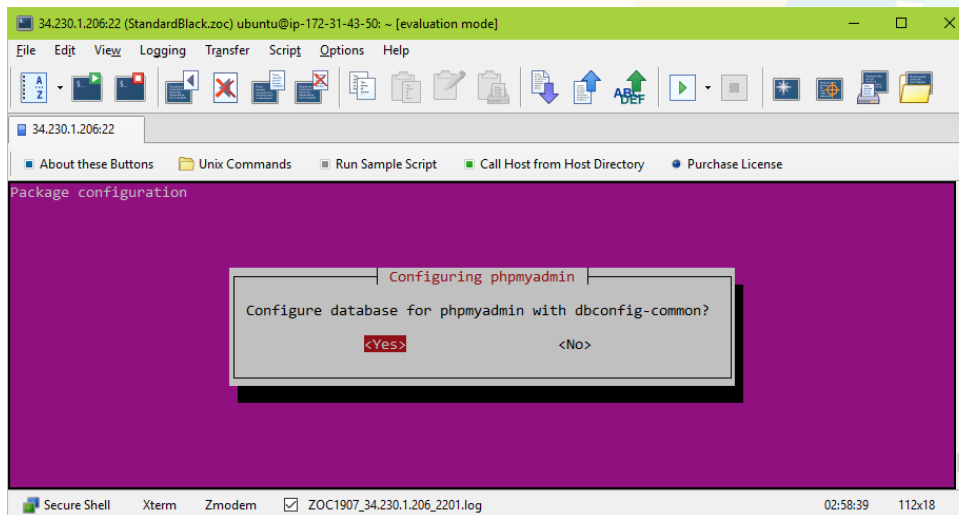
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

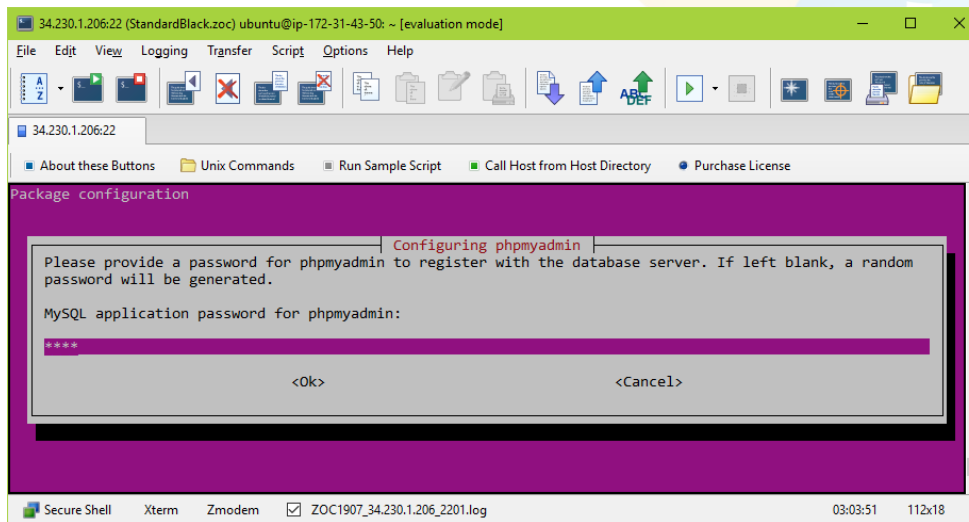
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Set password,
misal “root”,
lalu tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

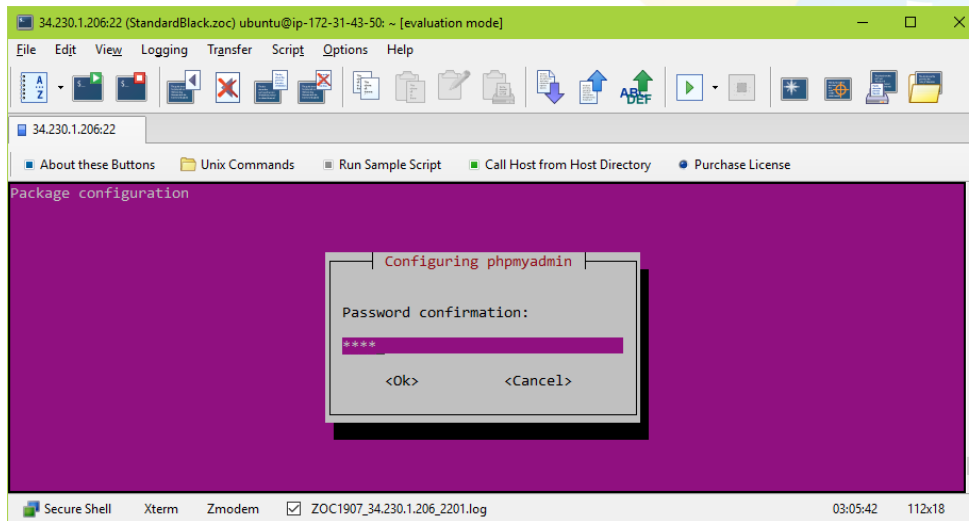
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Masukkan password, lagi “root” untuk konfirmasi, lalu tekan tab, hingga **< Ok >** lalu tekan enter lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

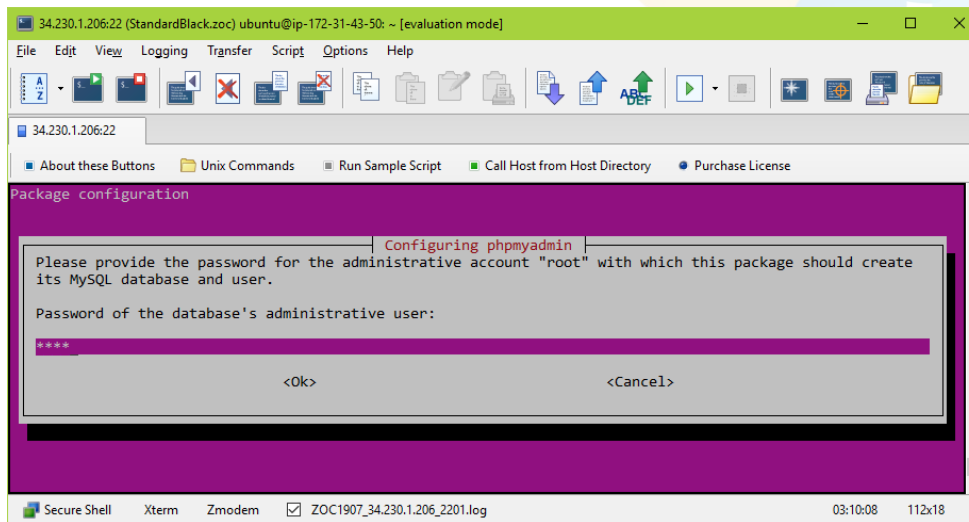
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

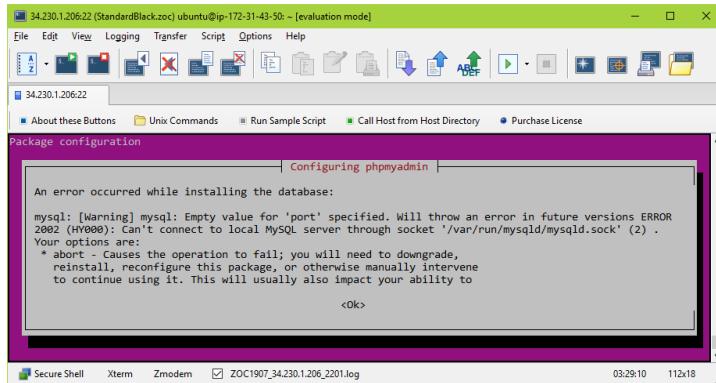
```
Do you want to continue? [Y/n] Y
```



Set password database, misal “root”, lalu tekan tab, hingga **< Ok >** lalu tekan enter lagi

Pengantar Website

- Jika muncul error berikut, maka solusinya ubah port mysqlserver:

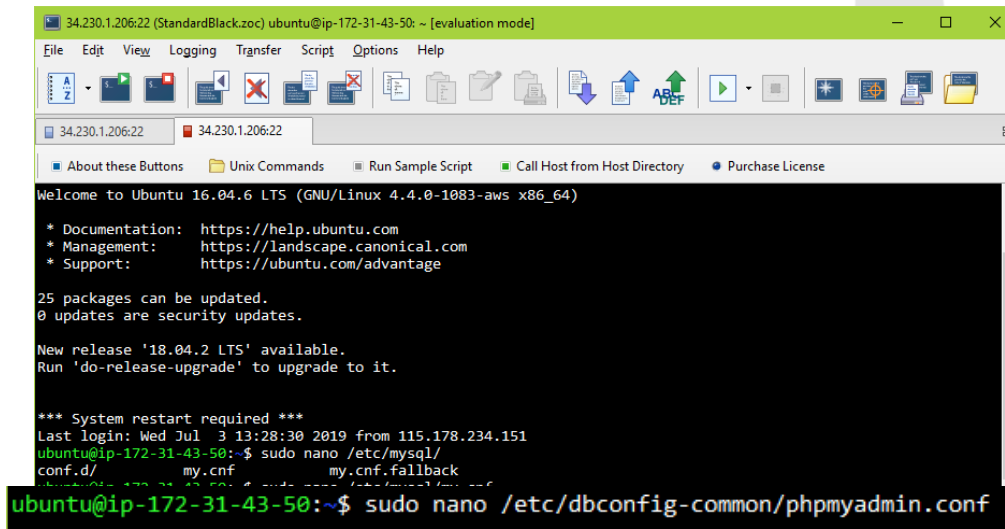


```
34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
34.230.1.206:22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
Package configuration
Configuring phpmyadmin
An error occurred while installing the database:
mysql: [Warning] mysql: Empty value for 'port' specified. Will throw an error in future versions ERROR
2002 (HY000): Can't connect to local MySQL server through socket '/var/run/mysqld/mysqld.sock' (2) .
Your options are:
* abort - Causes the operation to fail; you will need to downgrade,
reinstall, reconfigure this package, or otherwise manually intervene
to continue using it. This will usually also impact your ability to
<Ok>
Secure Shell Xterm Zmodem ZOC1907_34.230.1.206_2201.log 03:29:10 112x18
```

TERBUKA
UNTUK
DISABILITAS
mysql empty value “port”

BREAK
YOUR
LIMITS!

- Buka tab lain, misal dgn ZOC, Ketik
“sudo nano /etc/dbconfig-common/phpmyadmin.conf”



```
34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
34.230.1.206:22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.4.0-1083-aws x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/advantage

25 packages can be updated.
0 updates are security updates.

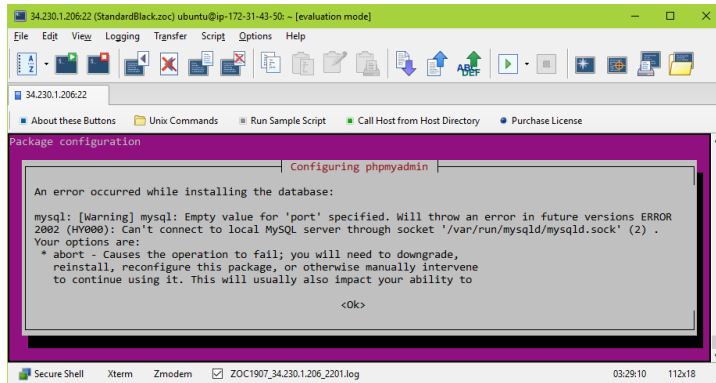
New release '18.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** System restart required ***
Last login: Wed Jul 3 13:28:30 2019 from 115.178.234.151
ubuntu@ip-172-31-43-50:~$ sudo nano /etc/mysql/
conf.d/my.cnf my.cnf.fallback
ubuntu@ip-172-31-43-50:~$ sudo nano /etc/dbconfig-common/phpmyadmin.conf
ubuntu@ip-172-31-43-50:~$ sudo nano /etc/dbconfig-common/phpmyadmin.conf
```

tekan enter

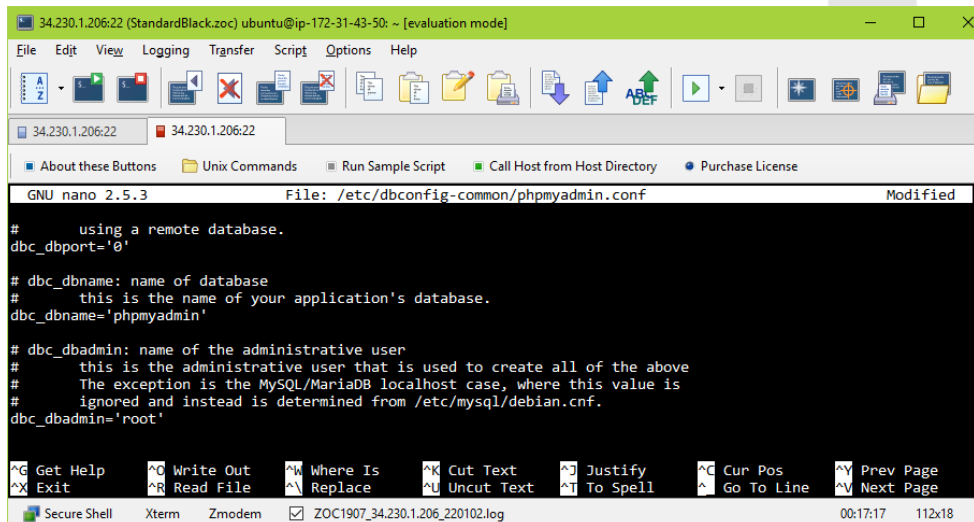
Pengantar Website

- Jika muncul error berikut, maka solusinya ubah port mysqlserver:



```
Package configuration
Configuring phpmyadmin
An error occurred while installing the database:
mysql: [Warning] mysql: Empty value for 'port' specified. Will throw an error in future versions ERROR
2002 (HY000): Can't connect to local MySQL server through socket '/var/run/mysqld/mysqld.sock' (2) .
Your options are:
+ abort - Causes the operation to fail; you will need to downgrade,
reinstall, reconfigure this package, or otherwise manually intervene
to continue using it. This will usually also impact your ability to
<Ok>
```

- Buka tab lain, misal dgn ZOC, Ketik
“sudo nano /etc/dbconfig-common/phpmyadmin.conf”



```
GNU nano 2.5.3 File: /etc/dbconfig-common/phpmyadmin.conf Modified
# using a remote database.
dbc_dbport='0'

# dbc_dbname: name of database
# this is the name of your application's database.
dbc_dbname='phpmyadmin'

# dbc_dbadmin: name of the administrative user
# this is the administrative user that is used to create all of the above
# The exception is the MySQL/MariaDB localhost case, where this value is
# ignored and instead is determined from /etc/mysql/debian.cnf.
dbc_dbadmin='root'
```

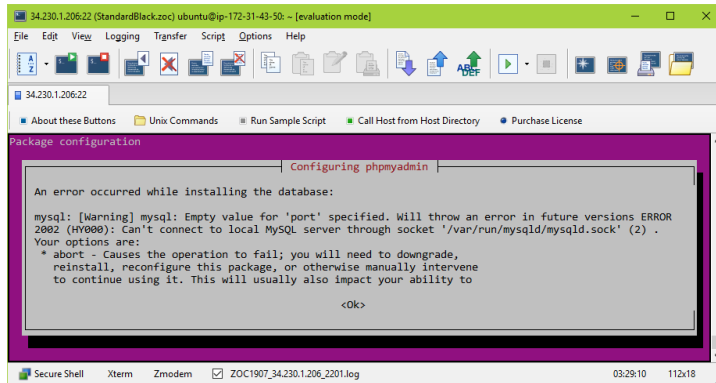
Ubah
dbc_dbport=''
menjadi
dbc_dbport='0'
Lalu tekan
Ctrl+O

TERBUKA
UNTUK
DISABILITAS

BREAK
YOUR
LIMITS!

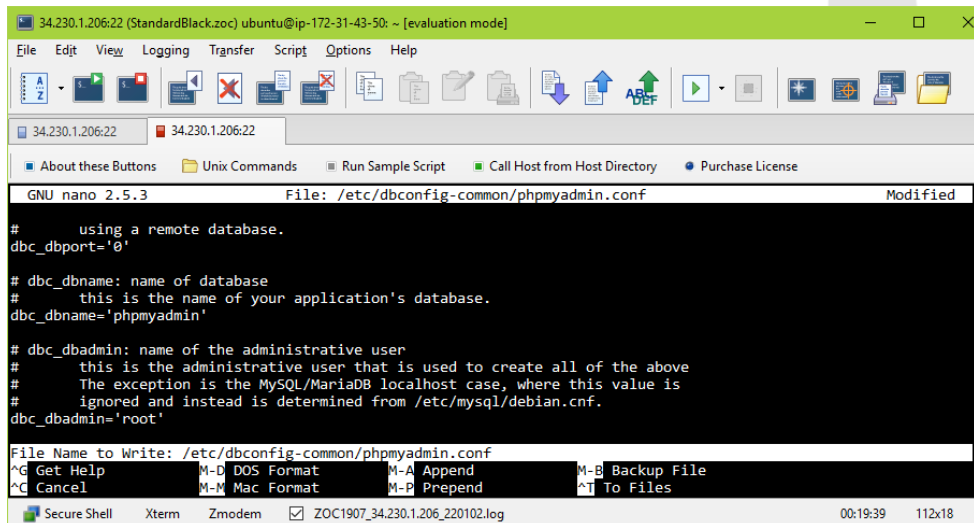
Pengantar Website

- Jika muncul error berikut, maka solusinya ubah port mysqlserver:



```
Package configuration
-----
Configuring phpmyadmin
An error occurred while installing the database:
mysql: [Warning] mysql: Empty value for 'port' specified. Will throw an error in future versions ERROR
2002 (HY000): Can't connect to local MySQL server through socket '/var/run/mysqld/mysqld.sock' (2) .
Your options are:
* abort - Causes the operation to fail; you will need to downgrade,
reinstall, reconfigure this package, or otherwise manually intervene
to continue using it. This will usually also impact your ability to
<Ok>
```

- Buka tab lain, misal dgn ZOC, Ketik
“sudo nano /etc/dbconfig-common/phpmyadmin.conf”



```
GNU nano 2.5.3 File: /etc/dbconfig-common/phpmyadmin.conf Modified
# using a remote database.
dbc_dbport=''

# dbc_dbname: name of database
# this is the name of your application's database.
dbc_dbname='phpmyadmin'

# dbc_dbadmin: name of the administrative user
# this is the administrative user that is used to create all of the above
# The exception is the MySQL/MariaDB localhost case, where this value is
# ignored and instead is determined from /etc/mysql/debian.cnf.
dbc_dbadmin='root'

File Name to Write: /etc/dbconfig-common/phpmyadmin.conf
^G Get Help M-D DOS Format M-A Append M-B Backup File
^C Cancel M-M Mac Format M-P Prepend M-T To Files
```

Ubah
dbc_dbport=' '
menjadi
dbc_dbport='0'
Lalu tekan
Ctrl+O, lalu
enter, lalu
Ctrl+X

TERBUKA
UNTUK
DISABILITAS

BREAK
YOUR
LIMITS!

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

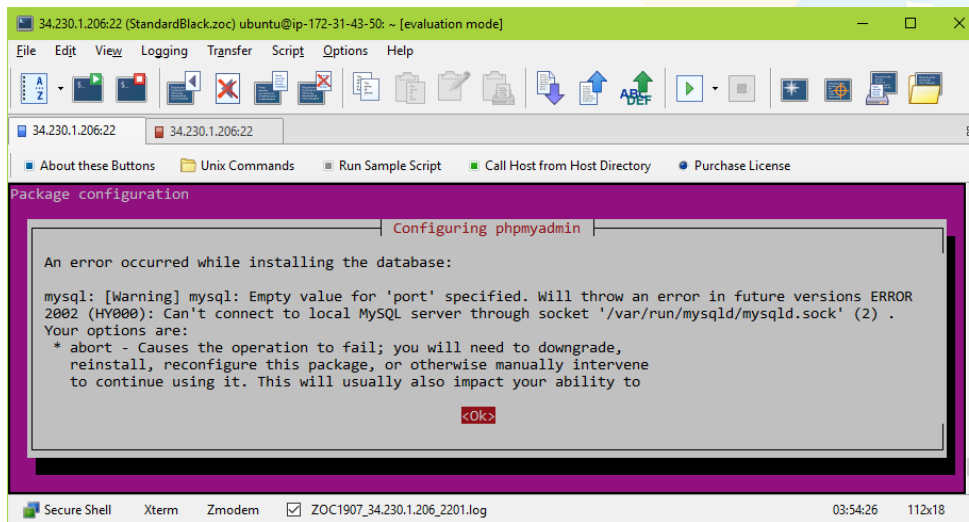
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Kembali ke tab ke-1 dari ZOC, lalu tekan tombol tab, hingga **< Ok >** lalu tekan enter lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

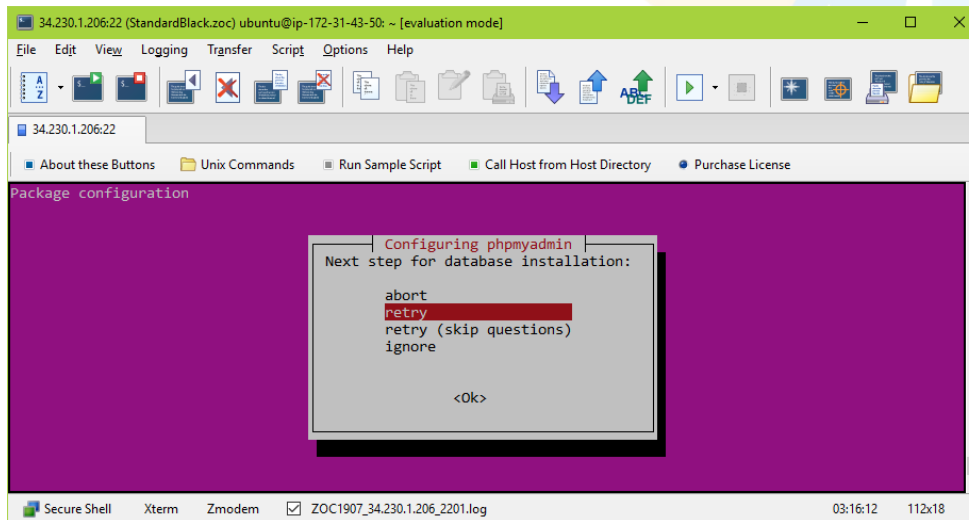
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Pilih retry,
lalu tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

- Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

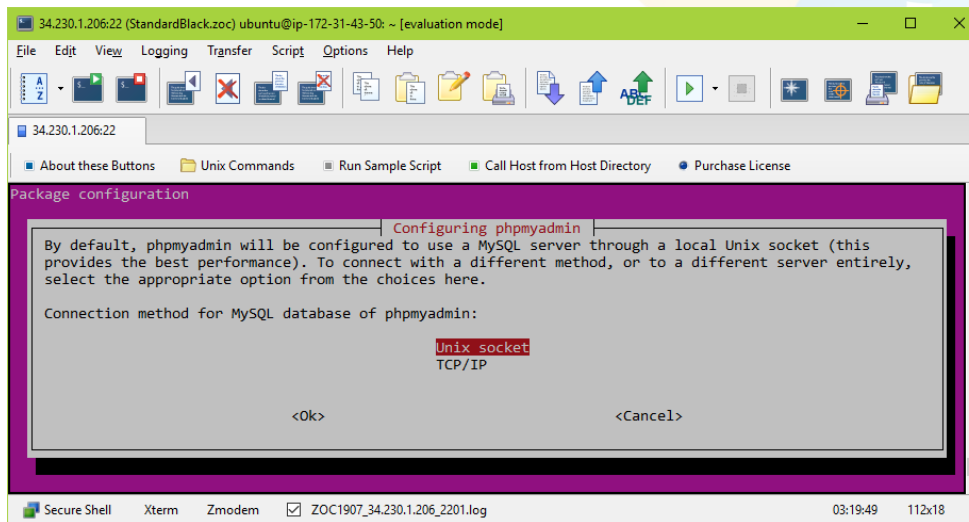
```
Do you want to continue? [Y/n] Y
```

- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Pilih Yes, tekan enter,
Pilih “Unix socket”,
lalu tekan tab,
hingga **< Ok >**
lalu tekan enter lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

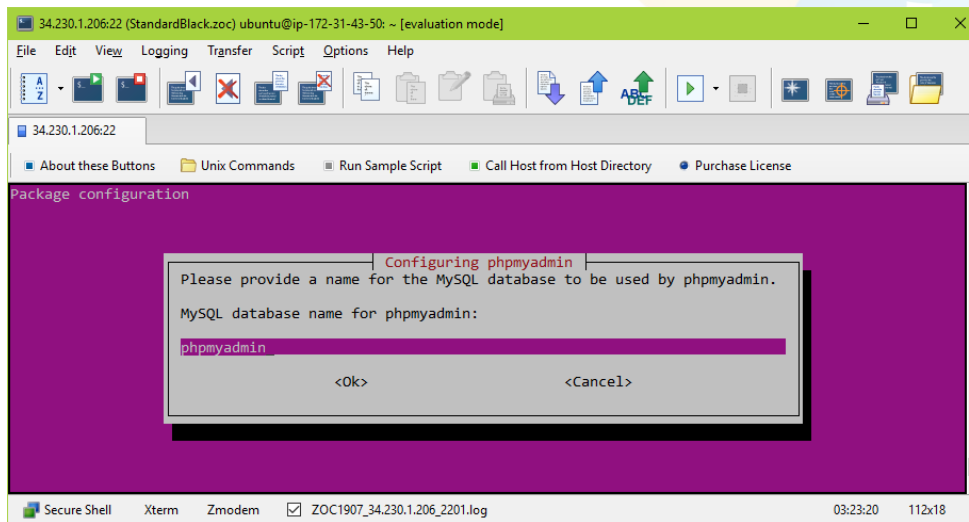
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

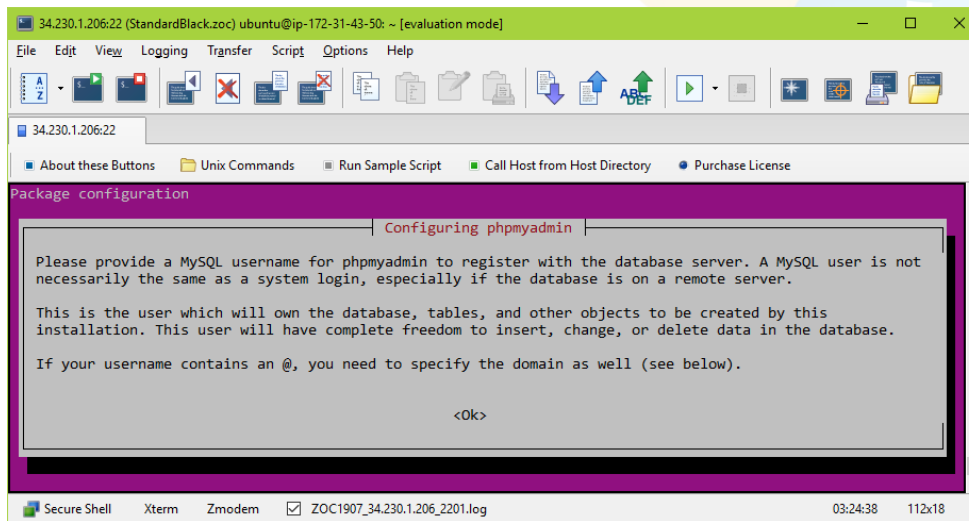
```
Do you want to continue? [Y/n] Y
```

- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

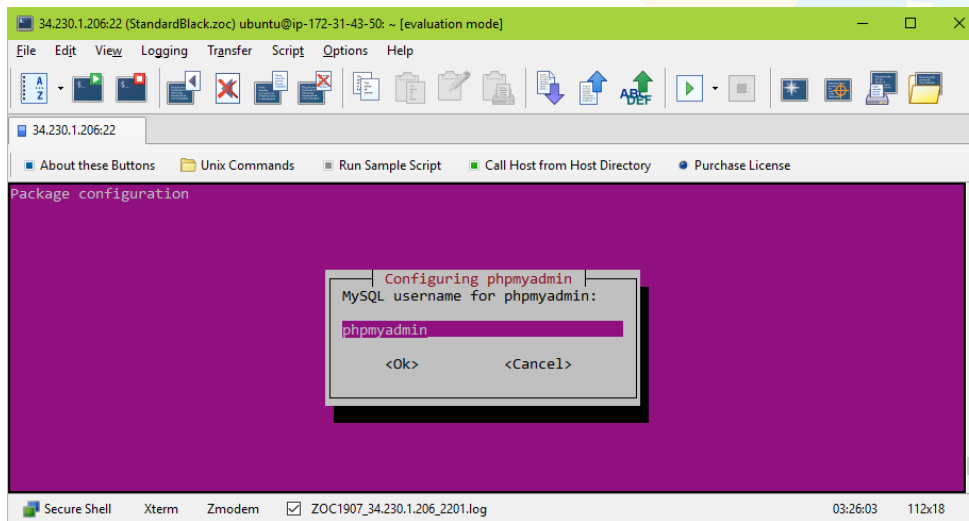
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

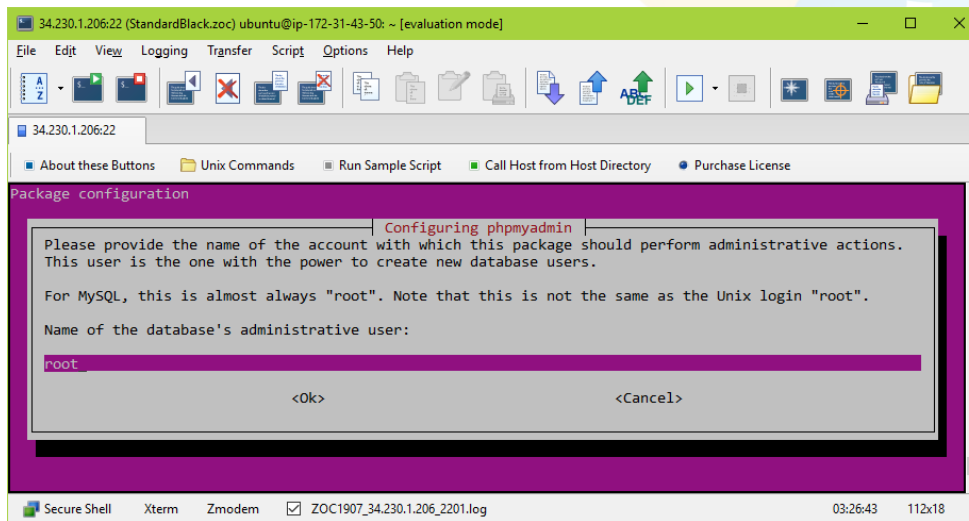
```
Do you want to continue? [Y/n] Y
```

- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

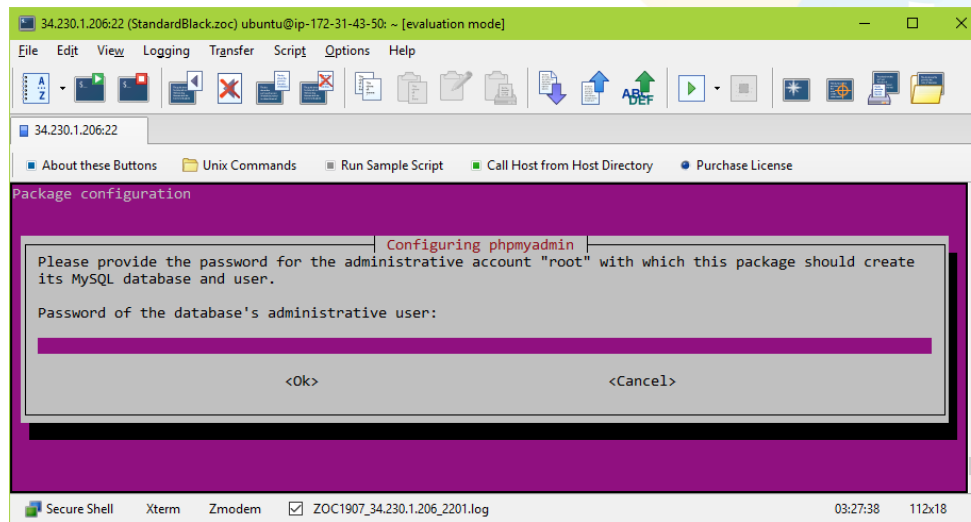
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Misal biarkan
kosong
password root,
lalu
tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

- Jika muncul error berikut, maka solusinya install mysql:

```

34.230.1.206.22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
34.230.1.206.22 34.230.1.206.22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
Package configuration
Configuring phpmyadmin
An error occurred while installing the database:
ERROR 2002 (HY000): Can't connect to local MySQL server through socket '/var/run/mysqld/mysqld.sock' (2)
. Your options are:
* abort - Causes the operation to fail; you will need to downgrade,
reinstall, reconfigure this package, or otherwise manually intervene
to continue using it. This will usually also impact your ability to
install other packages until the installation failure is resolved.
<Ok>
Secure Shell Xterm Zmodem ZOC1907_34.230.1.206_2201.log 04:02:50 112x18
  
```

ERROR 2002 (HY000): Can't connect to local MySQL server through socket '/var/run/mysqld/mysqld.sock'

- Pilih retry, lalu

```

34.230.1.206.22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
34.230.1.206.22 34.230.1.206.22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
Package configuration
Configuring phpmyadmin
By default, phpmyadmin will be configured to use a MySQL server through a local Unix socket (this
provides the best performance). To connect with a different method, or to a different server entirely,
select the appropriate option from the choices here.
Connection method for MySQL database of phpmyadmin:
Unix socket
TCP/IP
<Ok> <Cancel>
Secure Shell Xterm Zmodem ZOC1907_34.230.1.206_2201.log 04:16:19 112x18
  
```

Pilih TCP/IP tekan tab, hingga **< Ok >** lalu tekan enter lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

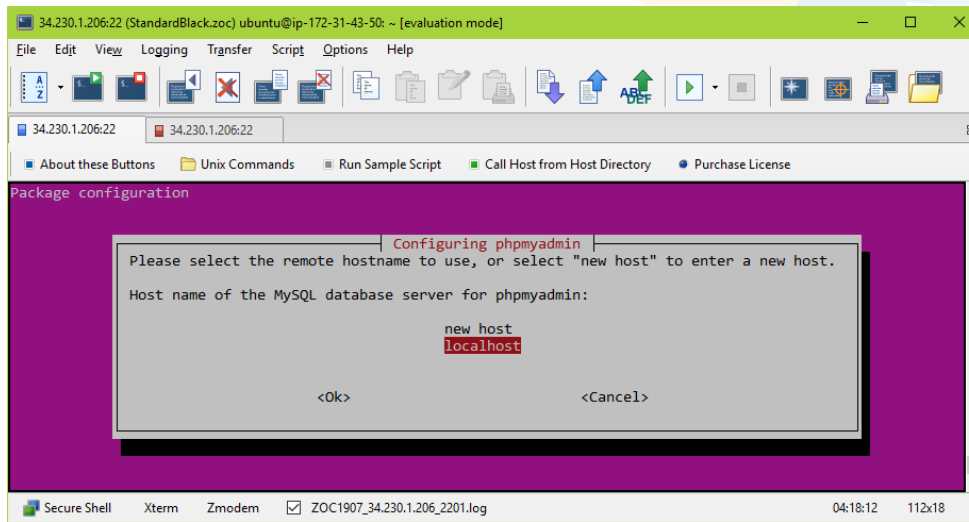
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

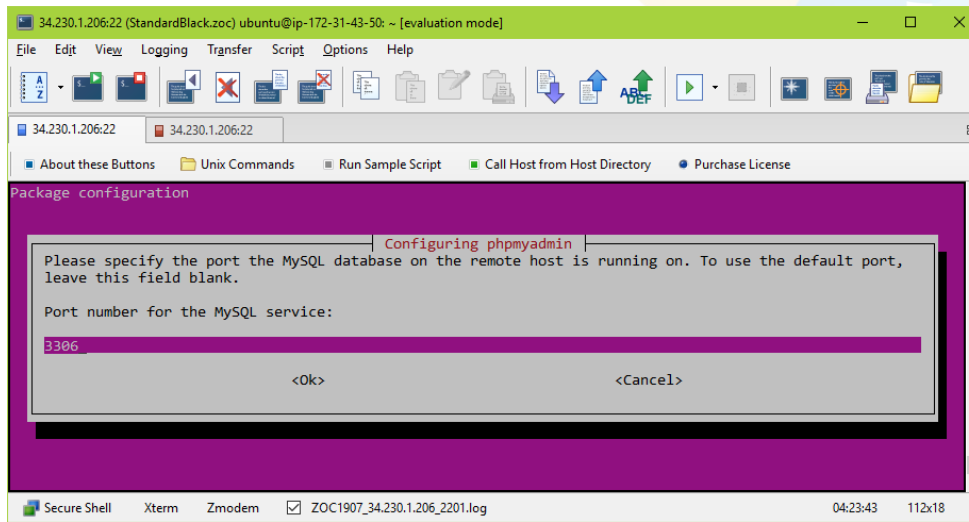
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Masukkan port number, misal “3306”, lalu tekan tab, hingga **< Ok >** lalu tekan enter lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

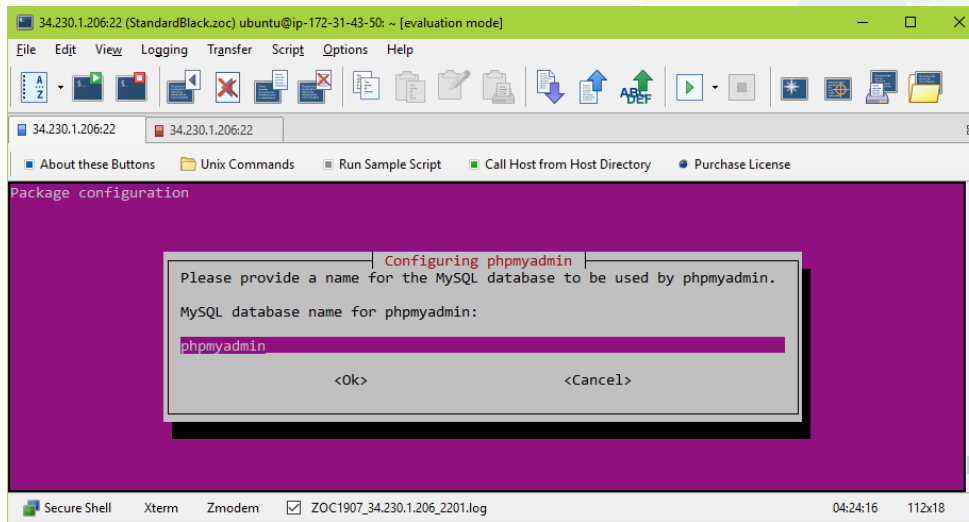
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



lalu tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

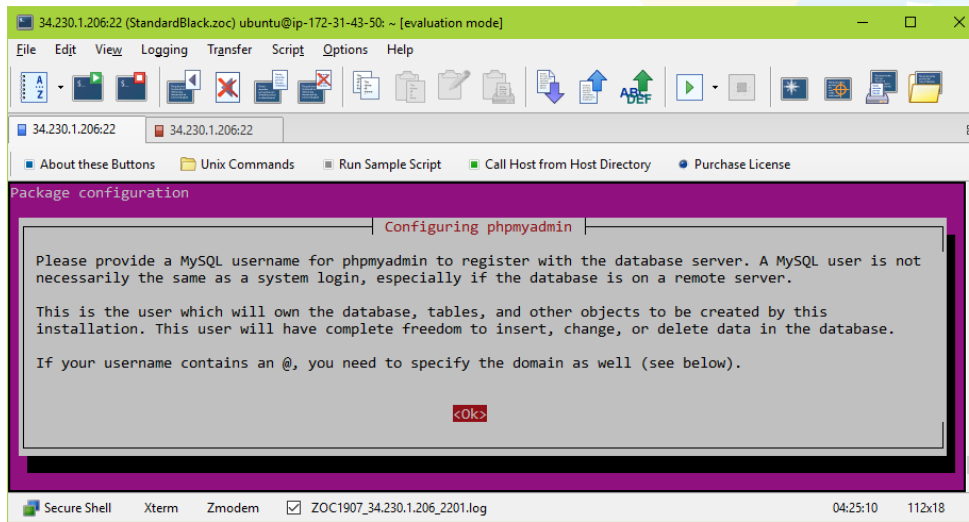
```
Do you want to continue? [Y/n] Y
```

- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



lalu tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

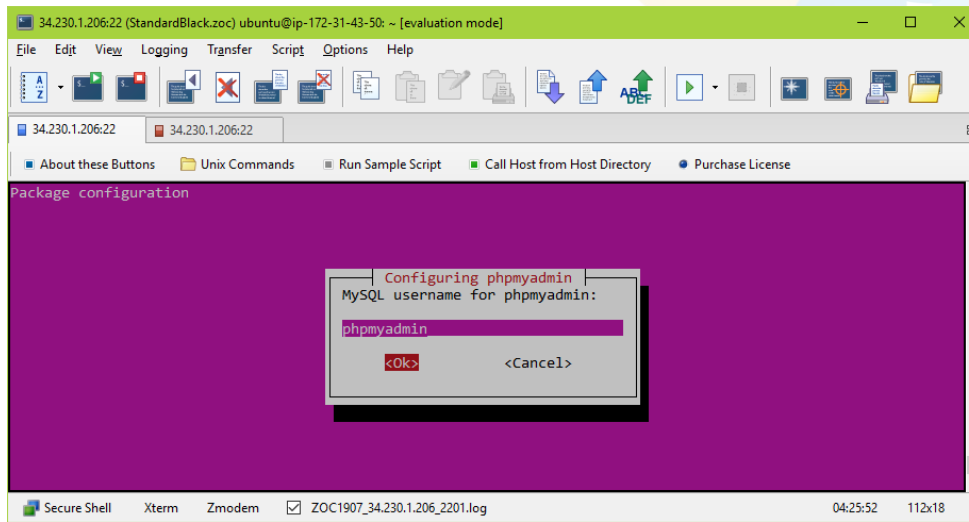
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



lalu tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

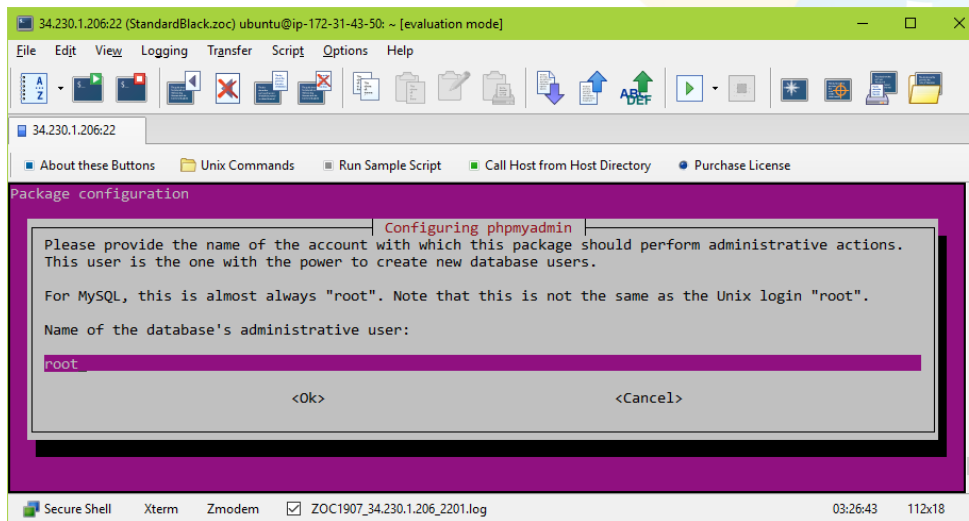
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”
- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

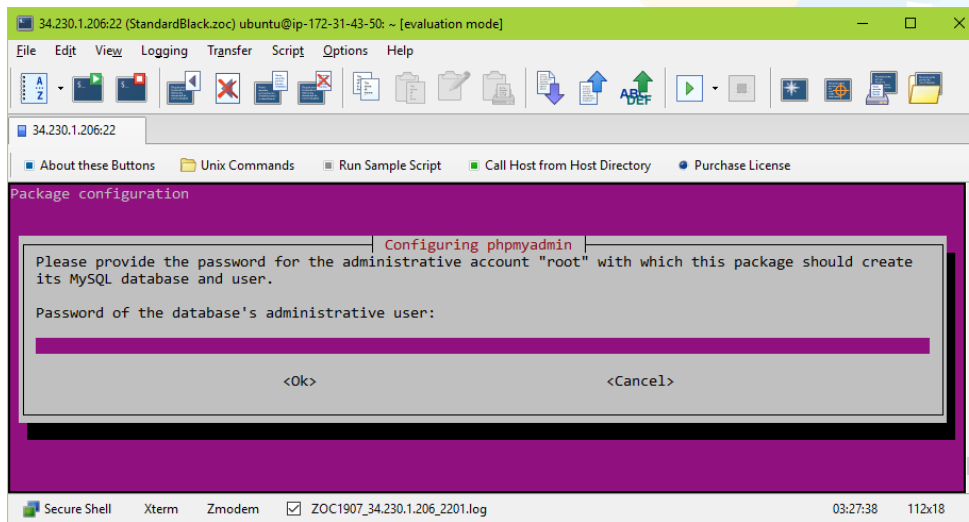
```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

```
Do you want to continue? [Y/n] Y
```

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```



Misal biarkan
kosong
password root,
lalu
tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

- Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```

- Ketik “sudo apt-get install taskel”
(Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install taskel
```

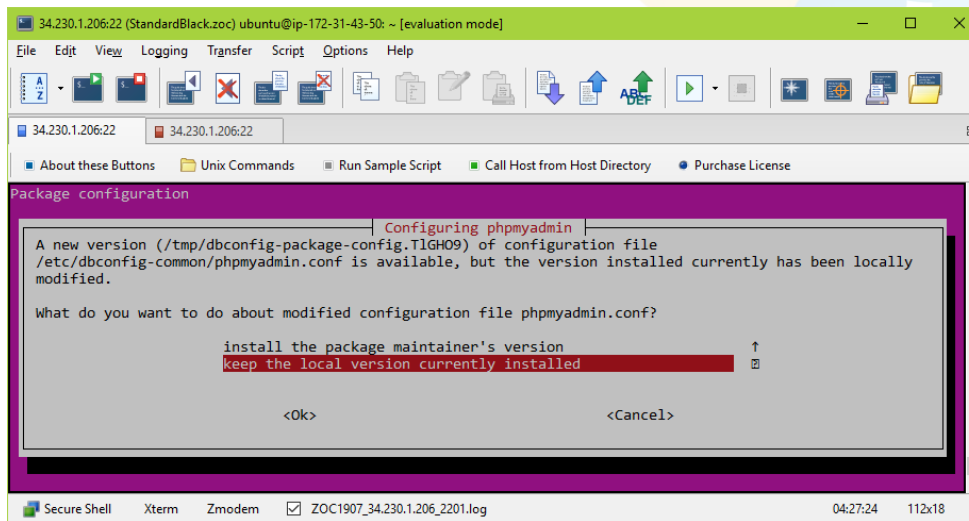
```
Do you want to continue? [Y/n] Y
```

- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```

(Tekan Y, jika ada pertanyaan)

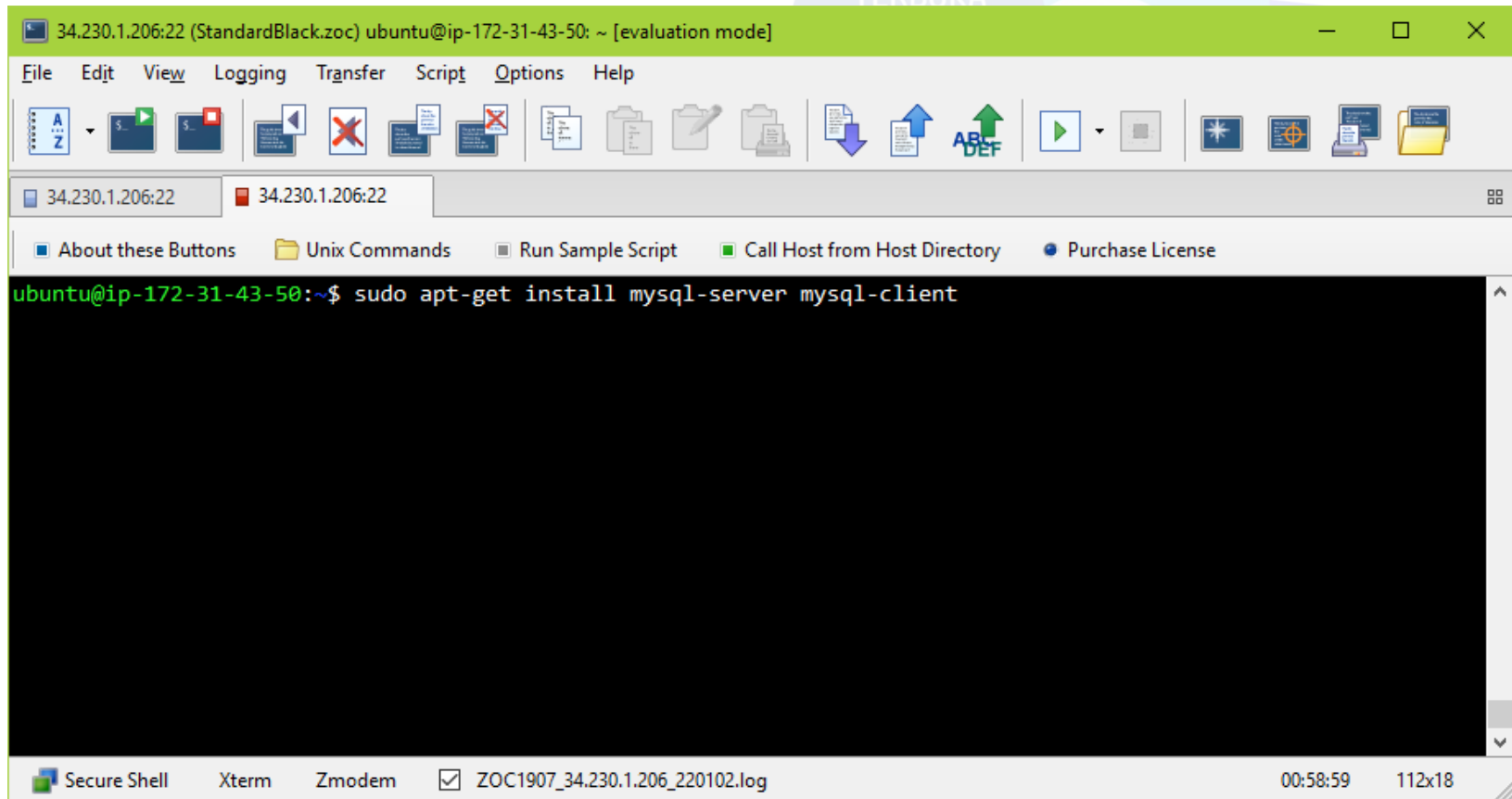
```
Do you want to continue? [Y/n] Y
```



tekan tab,
hingga **< Ok >**
lalu tekan enter
lagi

Pengantar Website

- Jika masih ada error, pilih “abort”, lalu Install myswl-server dan client, pada Pytty/ZOC:



The screenshot shows a ZOC terminal window titled "34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]". The window has a menu bar (File, Edit, View, Logging, Transfer, Script, Options, Help) and a toolbar with various icons. Below the toolbar, there are two tabs for the host "34.230.1.206:22". A status bar at the bottom shows "Secure Shell", "Xterm", "Zmodem", a checked box for "ZOC1907_34.230.1.206_220102.log", a timer at "00:58:59", and a resolution of "112x18". The terminal area displays the command `ubuntu@ip-172-31-43-50:~$ sudo apt-get install mysql-server mysql-client`.

```
34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
[Icons]
34.230.1.206:22 34.230.1.206:22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
ubuntu@ip-172-31-43-50:~$ sudo apt-get install mysql-server mysql-client
Secure Shell Xterm Zmodem [x] ZOC1907_34.230.1.206_220102.log 00:58:59 112x18
```

Pengantar Website

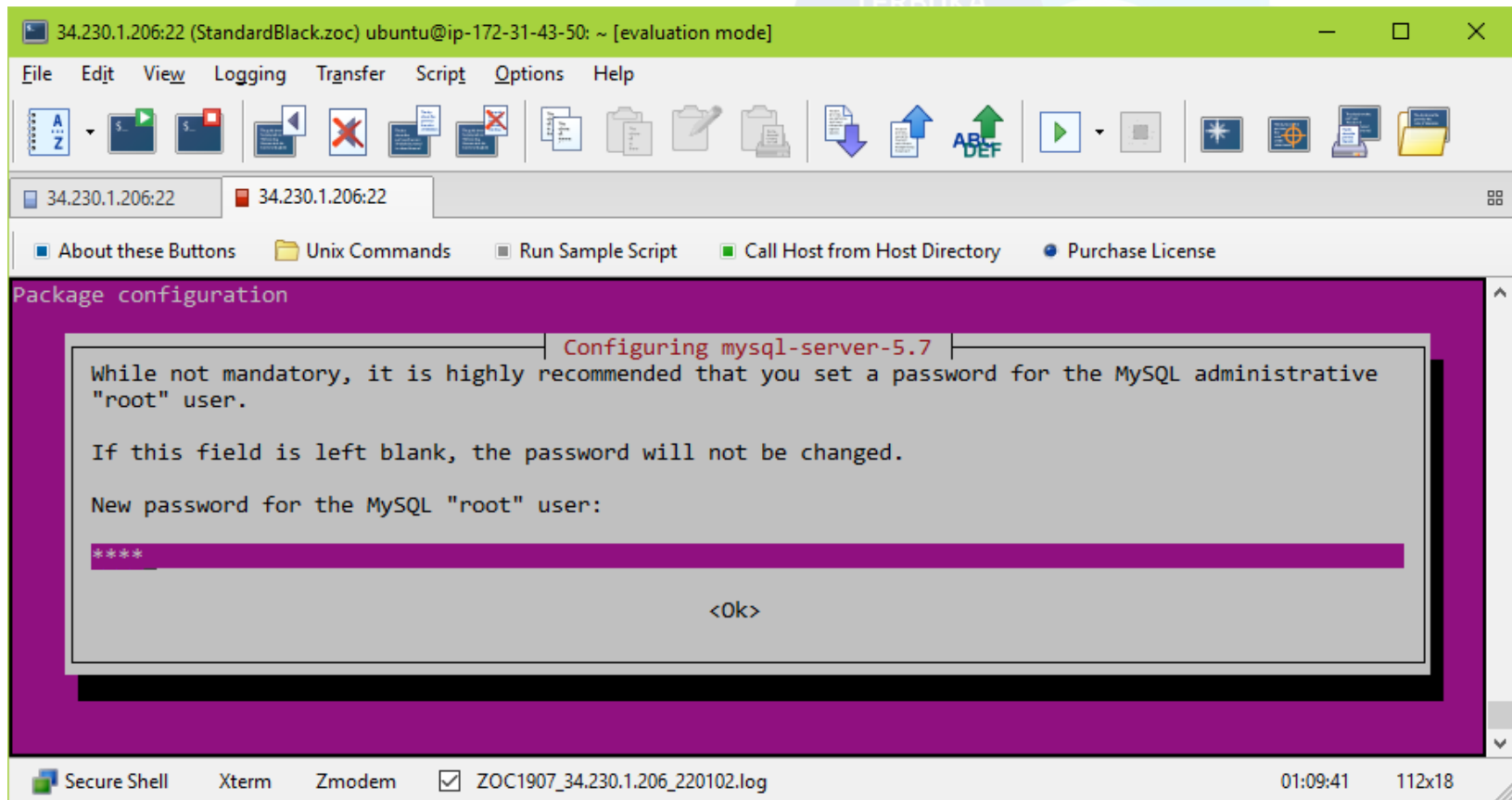
- Ketik “Y”, lalu enter

```
34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
34.230.1.206:22 34.230.1.206:22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License

Building dependency tree
Reading state information... Done
mysql-client is already the newest version (5.7.26-0ubuntu0.16.04.1).
mysql-client set to manually installed.
The following additional packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.0-5 libfcgi-perl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-server-5.7 mysql-server-core-5.7
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.0-5 libfcgi-perl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-server mysql-server-5.7 mysql-server-core-5.7
0 upgraded, 17 newly installed, 0 to remove and 25 not upgraded.
Need to get 11.0 MB of archives.
After this operation, 96.8 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

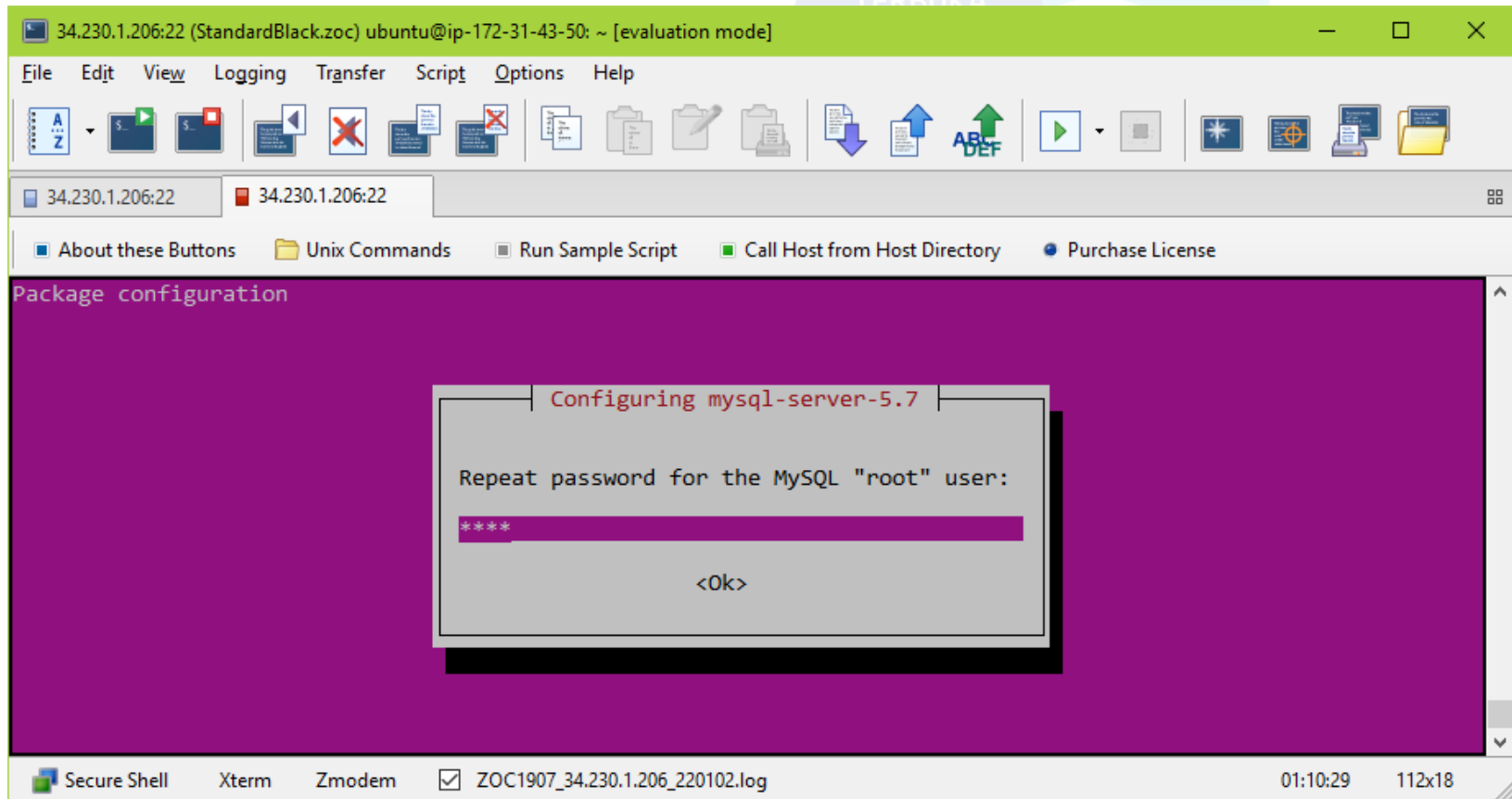

Pengantar Website

- Set passwordnya misal “root”, tekan tombol tab, sampai mengarah ke “<Ok>”, lalu tekan enter



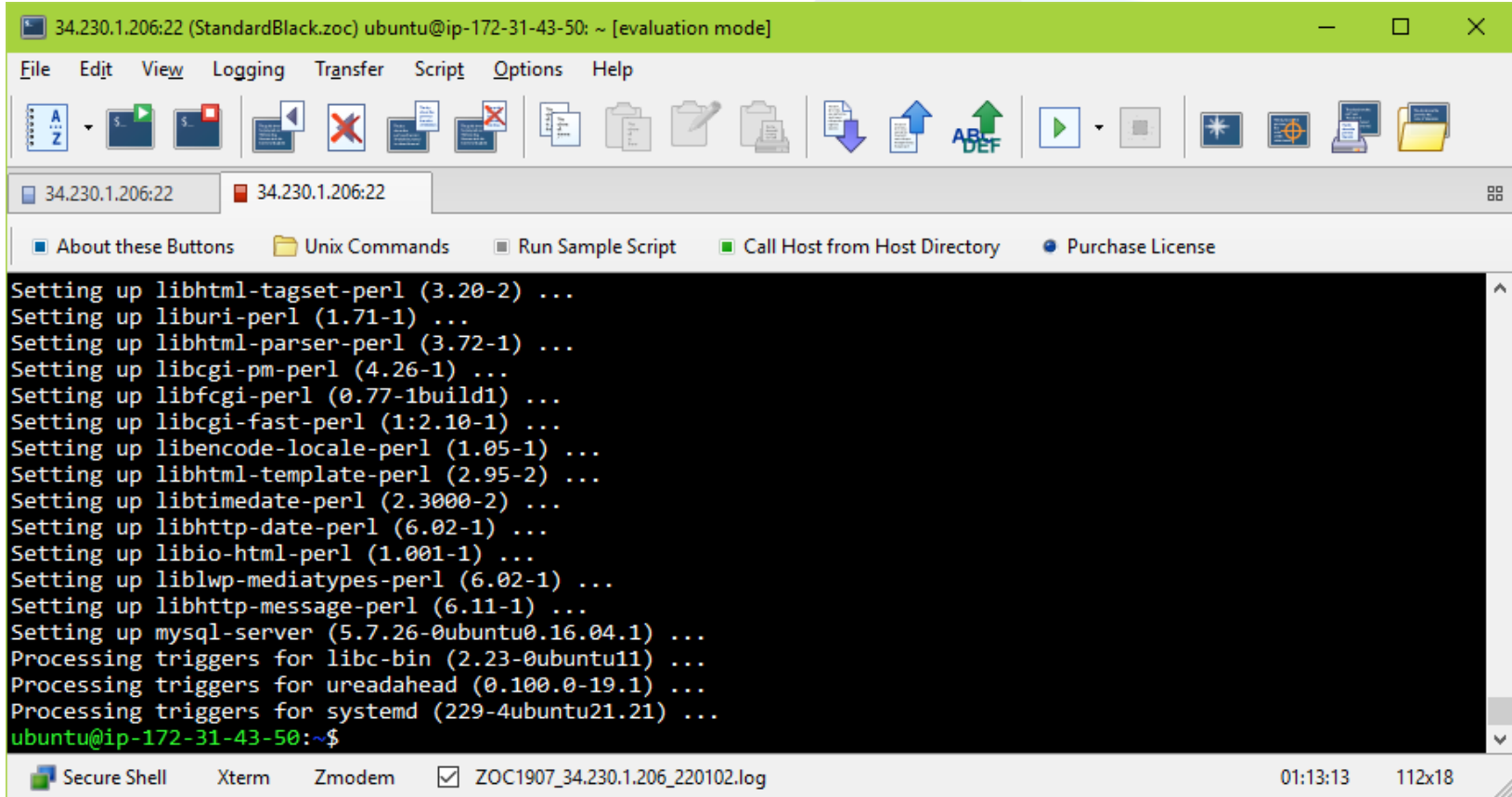
Pengantar Website

- Isi lagi passwordnya “root”, tekan tombol tab, sampai mengarah ke “<Ok>”, lalu tekan enter



Pengantar Website

- Install mysql-server dan clients selesai.



The screenshot shows a ZOC terminal window titled "34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]". The window has a menu bar (File, Edit, View, Logging, Transfer, Script, Options, Help) and a toolbar with various icons. Below the toolbar, there are two tabs for "34.230.1.206:22" and "34.230.1.206:22". A status bar at the bottom of the window shows "Secure Shell", "Xterm", "Zmodem", and a checked box next to "ZOC1907_34.230.1.206_220102.log". The terminal output shows the following commands and their results:

```
Setting up libhtml-tagset-perl (3.20-2) ...
Setting up liburi-perl (1.71-1) ...
Setting up libhtml-parser-perl (3.72-1) ...
Setting up libcgi-pm-perl (4.26-1) ...
Setting up libfcgi-perl (0.77-1build1) ...
Setting up libcgi-fast-perl (1:2.10-1) ...
Setting up libencode-locale-perl (1.05-1) ...
Setting up libhtml-template-perl (2.95-2) ...
Setting up libtimedate-perl (2.3000-2) ...
Setting up libhttp-date-perl (6.02-1) ...
Setting up libio-html-perl (1.001-1) ...
Setting up liblwp-mediatypes-perl (6.02-1) ...
Setting up libhttp-message-perl (6.11-1) ...
Setting up mysql-server (5.7.26-0ubuntu0.16.04.1) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for ureadahead (0.100.0-19.1) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
ubuntu@ip-172-31-43-50:~$
```

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo apt-get update”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get update
```
- Ketik “sudo apt-get install tasksel”
 (Tekan Y, jika ada pertanyaan)

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install tasksel
```



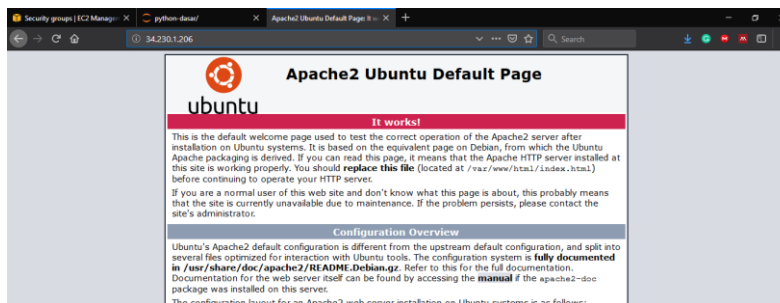
```
Do you want to continue? [Y/n] Y
```
- Ketik “sudo apt-get install phpmyadmin”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install phpmyadmin
```


 (Tekan Y, jika ada pertanyaan)

```
Do you want to continue? [Y/n] Y
```
- Ketik “sudo /etc/init.d/apache2 restart”, lalu “sudo /etc/init.d/mysql start”

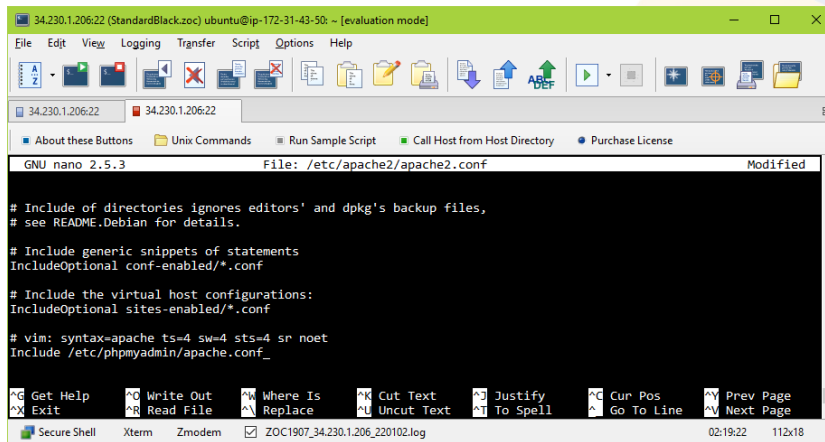
```
ubuntu@ip-172-31-43-50:~$ sudo /etc/init.d/apache2 restart
[ ok ] Restarting apache2 (via systemctl): apache2.service.
ubuntu@ip-172-31-43-50:~$ sudo /etc/init.d/mysql start
[ ok ] Starting mysql (via systemctl): mysql.service.
```
- Lalu buka browser dengan “IPAndaDrAWS”, misal “34.230.1.206”, maka akan muncul



Pengantar Website

- Install phpmyadmin, pada Pytty/ZOC:

- Ketik “sudo /etc/init.d/apache2 stop”
- lalu ketikkan “sudo -H nano /etc/apache2/apache2.conf”, pada bagian line paling akhir ketikkan “Include /etc/phpmyadmin/apache.conf”, lalu tekan Cltr+O, tekan enter, lalu tekan Cltr+X



```
34.230.1.206:22 (StandardBlack.zoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Scripts Options Help
34.230.1.206:22 34.230.1.206:22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
GNU nano 2.5.3 File: /etc/apache2/apache2.conf Modified
# Include of directories ignores editors' and dpkg's backup files,
# see README.Debian for details.

# Include generic snippets of statements
IncludeOptional conf-enabled/*.conf

# Include the virtual host configurations:
IncludeOptional sites-enabled/*.conf

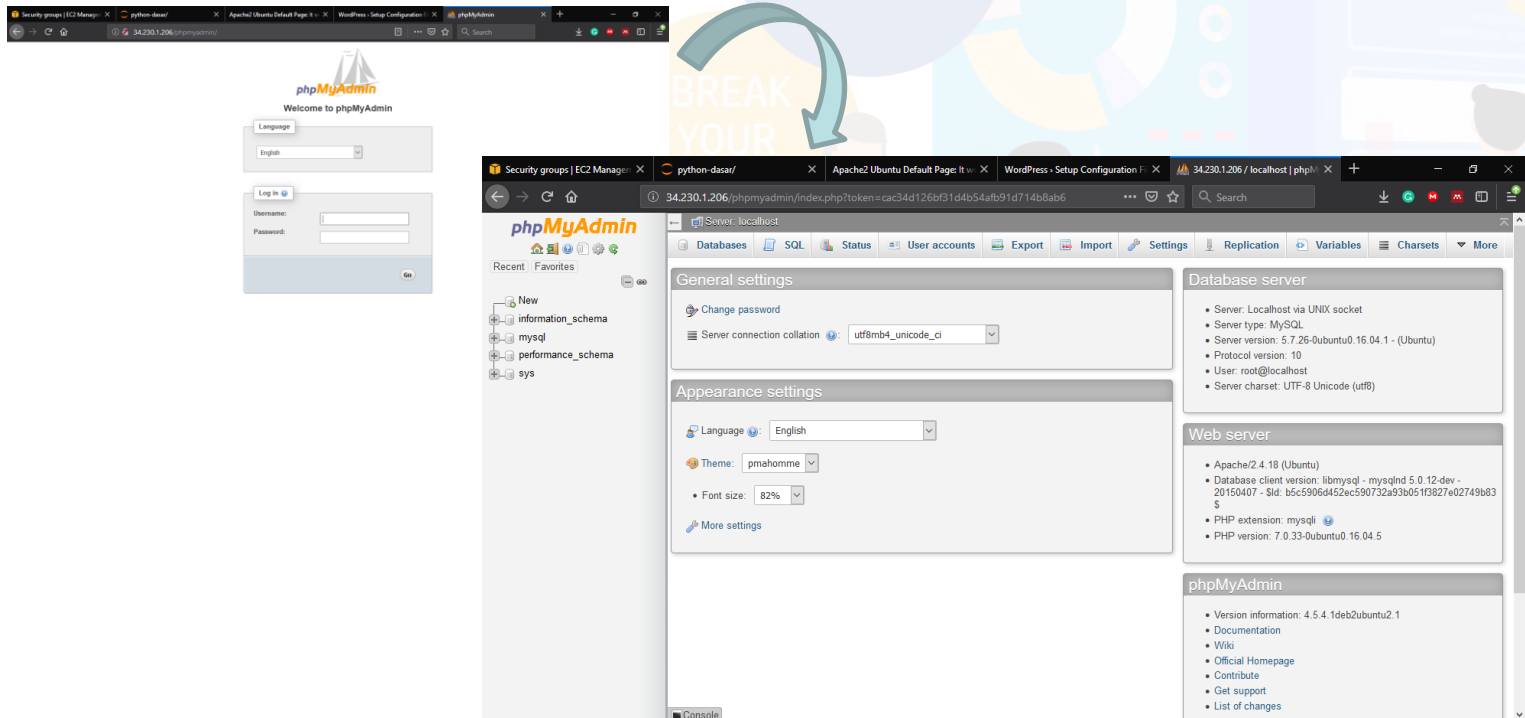
# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
Include /etc/phpmyadmin/apache.conf_
Get Help Write Out Where Is Cut Text Justify Cur Pos Prev Page
Exit Read File Replace Uncut Text To Spell Go To Line Next Page
Secure Shell Xterm Zmodem ZOC1907_34.230.1.206_220102.log 02:19:22 112x18
```

- Lalu ketik lagi “sudo /etc/init.d/apache2 restart”
- Lalu buka browser dengan “IPAndaDrAWS”, misal “34.230.1.206/phpmyadmin”, maka akan muncul halaman phpmyadmin

Pengantar Website

■ Install phpmyadmin, pada Pytty/ZOC:

- Lalu buka browser dengan “IPAndaDrAWS”, misal “34.230.1.206/phpmyadmin”, maka akan muncul phpmyadmin, masukkan username “root” dan password “root”, maka akan terlihat semua databasenya



Pengantar Website

- Ketikkan “sudo chown -R ubuntu:ubuntu /var/www/”

```
ubuntu@ip-172-31-43-50:~$ sudo chown -R ubuntu:ubuntu /var/www/
```

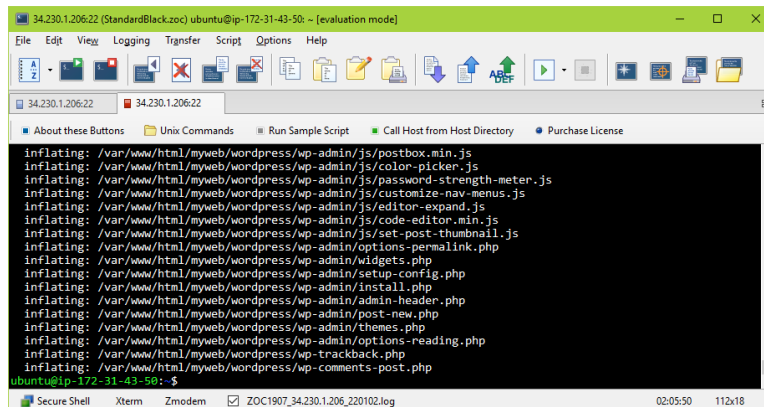
- Ketikkan “curl -O https://wordpress.org/latest.zip”

```
ubuntu@ip-172-31-43-50:~$ curl -O https://wordpress.org/latest.zip
% Total    % Received % Xferd Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left  Speed
100 11.5M  100 11.5M    0     0  11.5M      0  0:00:01  0:00:01 --:--:-- 10.6M
ubuntu@ip-172-31-43-50:~$ ls
anaconda3                                koding MRJob      python-tutorial-intermediate
Anaconda3-5.0.1-Linux-x86_64.sh          latest.zip
Aws edu ImamCS Filkom UB (DT Big Data).ipynb python-dasar
```

- Lalu ketikkan “sudo apt-get install zip”

```
ubuntu@ip-172-31-43-50:~$ sudo apt-get install zip
```

- Lalu ketikkan “sudo unzip latest.zip -d /var/www/html/myweb”



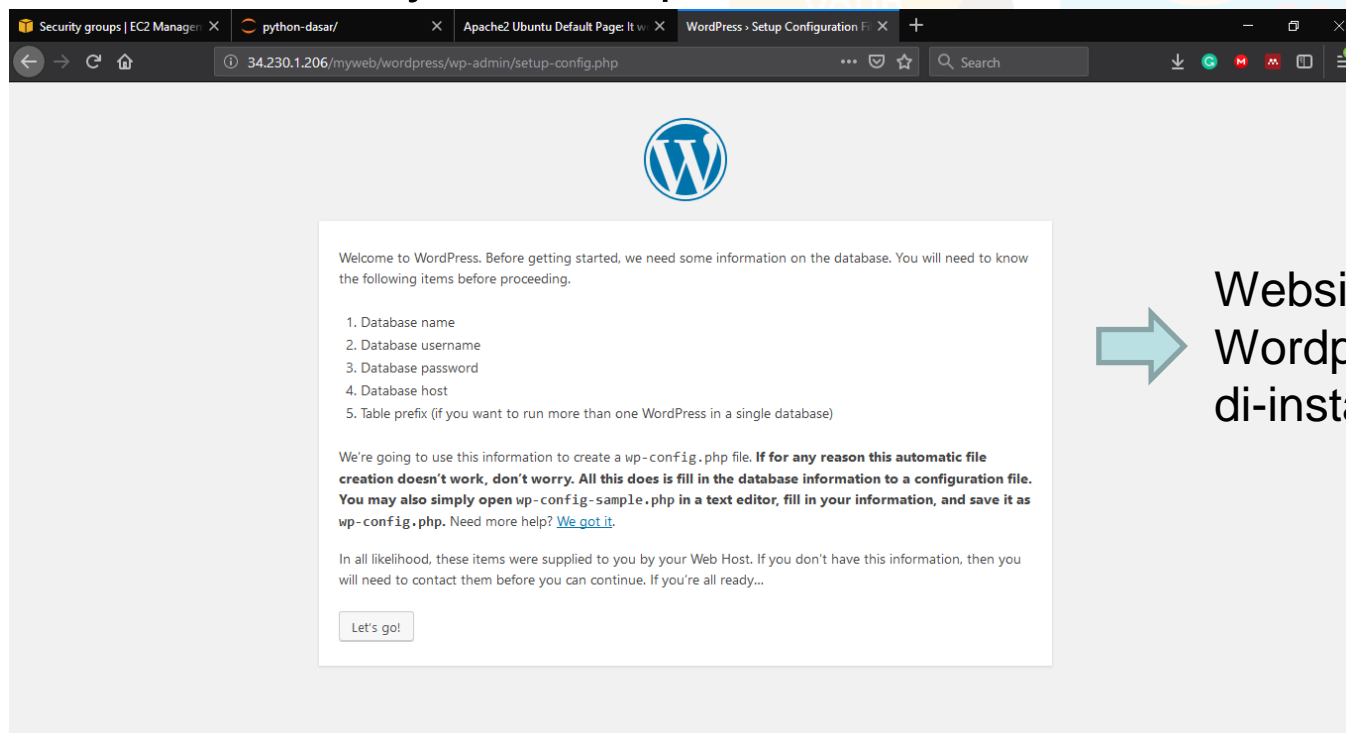
```
34.230.1.206:22 (StandardBlackzoc) ubuntu@ip-172-31-43-50: ~ [evaluation mode]
File Edit View Logging Transfer Script Options Help
34.230.1.206:22 34.230.1.206:22
About these Buttons Unix Commands Run Sample Script Call Host from Host Directory Purchase License
inflating: /var/www/html/myweb/wordpress/wp-admin/js/postbox.min.js
inflating: /var/www/html/myweb/wordpress/wp-admin/js/color-picker.js
inflating: /var/www/html/myweb/wordpress/wp-admin/js/password-strength-meter.js
inflating: /var/www/html/myweb/wordpress/wp-admin/js/customize-nav-menus.js
inflating: /var/www/html/myweb/wordpress/wp-admin/js/editor-expand.js
inflating: /var/www/html/myweb/wordpress/wp-admin/js/code-editor.min.js
inflating: /var/www/html/myweb/wordpress/wp-admin/js/set-post-thumbnail.js
inflating: /var/www/html/myweb/wordpress/wp-admin/options-permalink.php
inflating: /var/www/html/myweb/wordpress/wp-admin/widgets.php
inflating: /var/www/html/myweb/wordpress/wp-admin/setup-config.php
inflating: /var/www/html/myweb/wordpress/wp-admin/install.php
inflating: /var/www/html/myweb/wordpress/wp-admin/admin-header.php
inflating: /var/www/html/myweb/wordpress/wp-admin/post-new.php
inflating: /var/www/html/myweb/wordpress/wp-admin/themes.php
inflating: /var/www/html/myweb/wordpress/wp-admin/options-reading.php
inflating: /var/www/html/myweb/wordpress/wp-trackback.php
inflating: /var/www/html/myweb/wordpress/wp-comments-post.php
ubuntu@ip-172-31-43-50:~$
```


Pengantar Website

```
inflating: /var/www/html/myweb/wordpress/wp-admin/options-reading.php
inflating: /var/www/html/myweb/wordpress/wp-trackback.php
inflating: /var/www/html/myweb/wordpress/wp-comments-post.php
ubuntu@ip-172-31-43-50:~$
```

Secure Shell Xterm Zmodem ☒ ZOC1907_34.230.1.206_220102.log 02:05:50 112x18

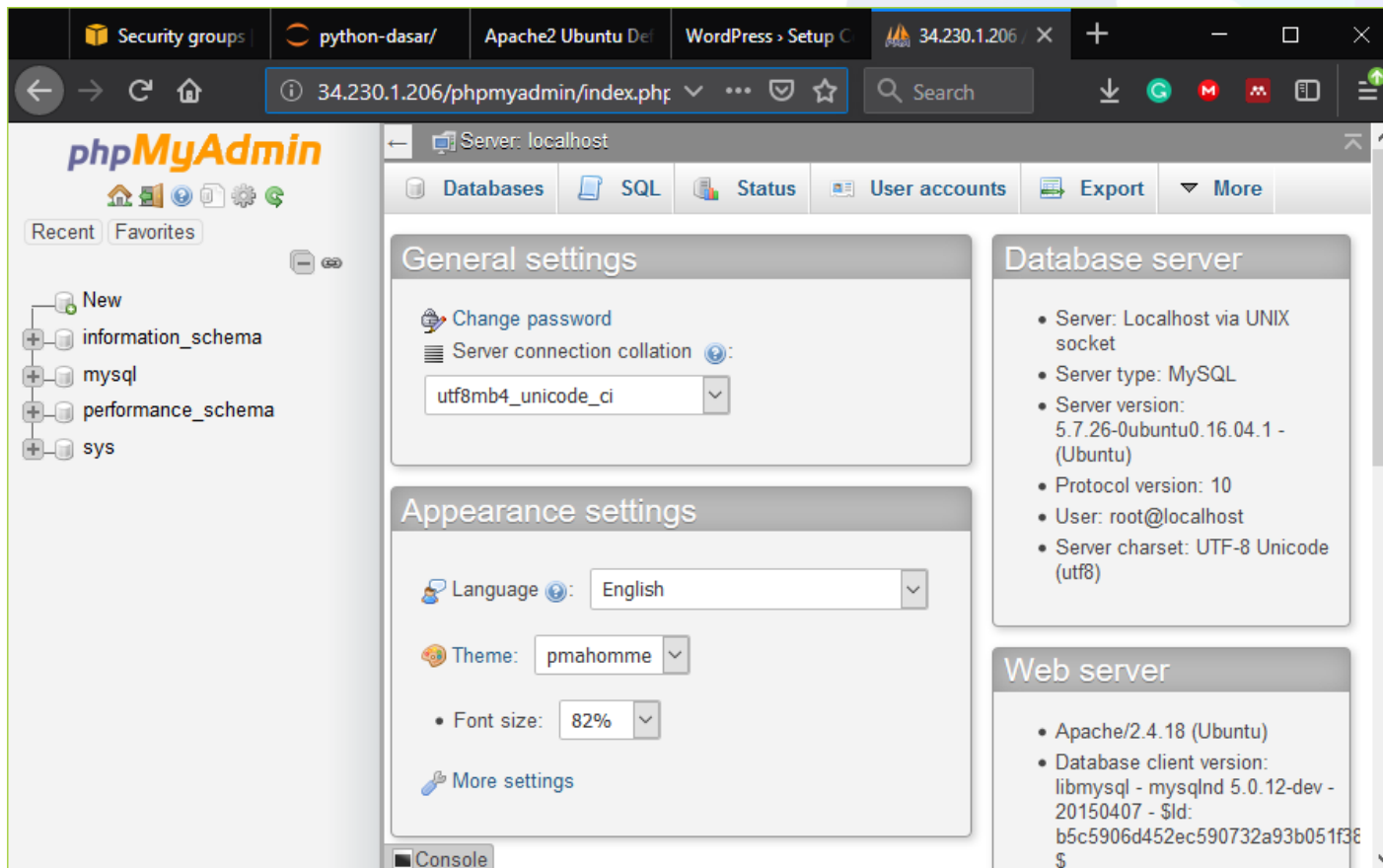
- Lalu buka browser dengan “IPAndaDrAWS”, misal “34.230.1.206/myweb/wordpress”, maka akan muncul, klik Let’s go



Website dari Blog Wordpress siap di-install :D

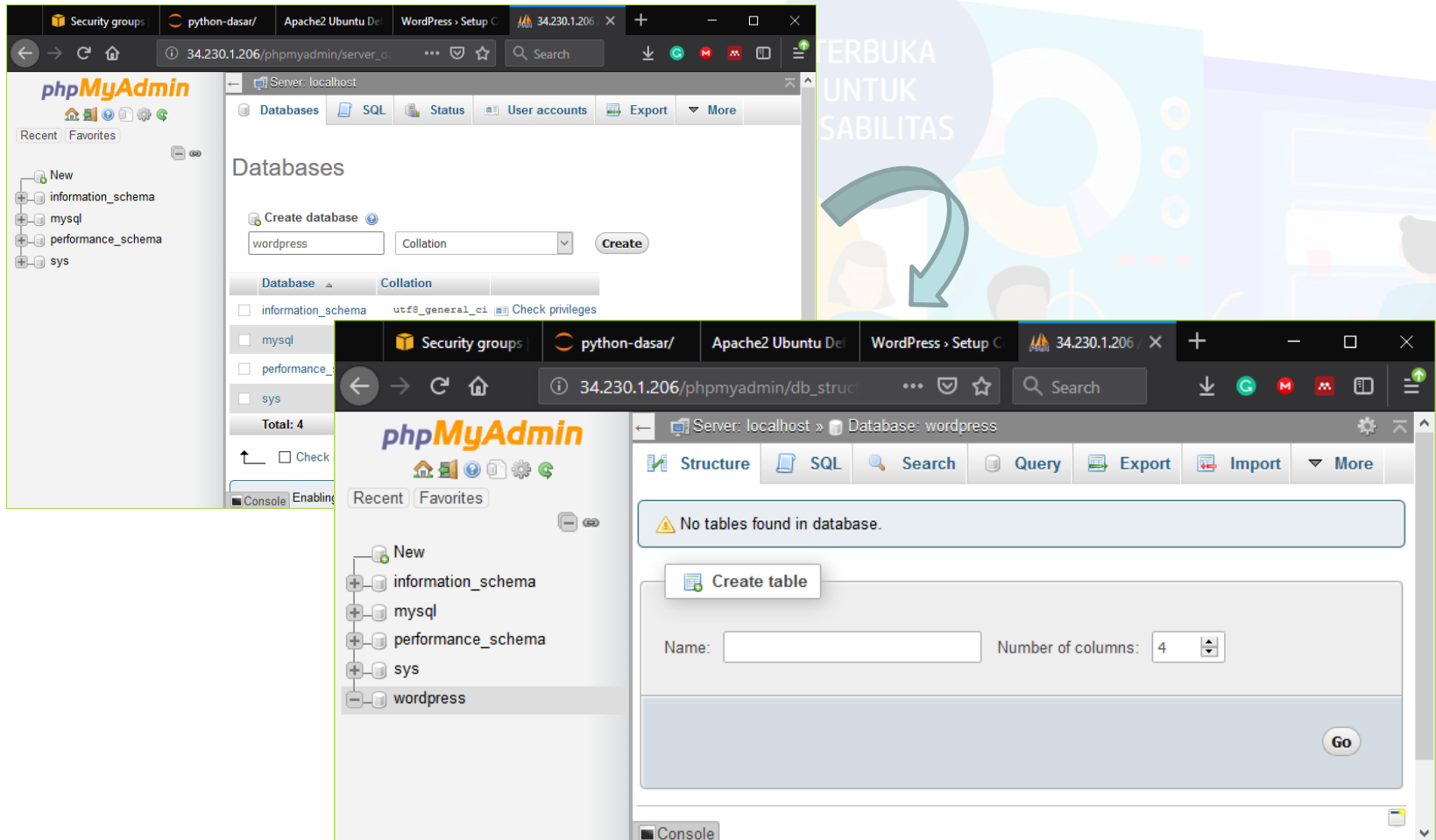
Pengantar Website

- Masuk ke phpmyadmin, buat database untuk wordpress, misal dengan nama “wordpress”, klik New



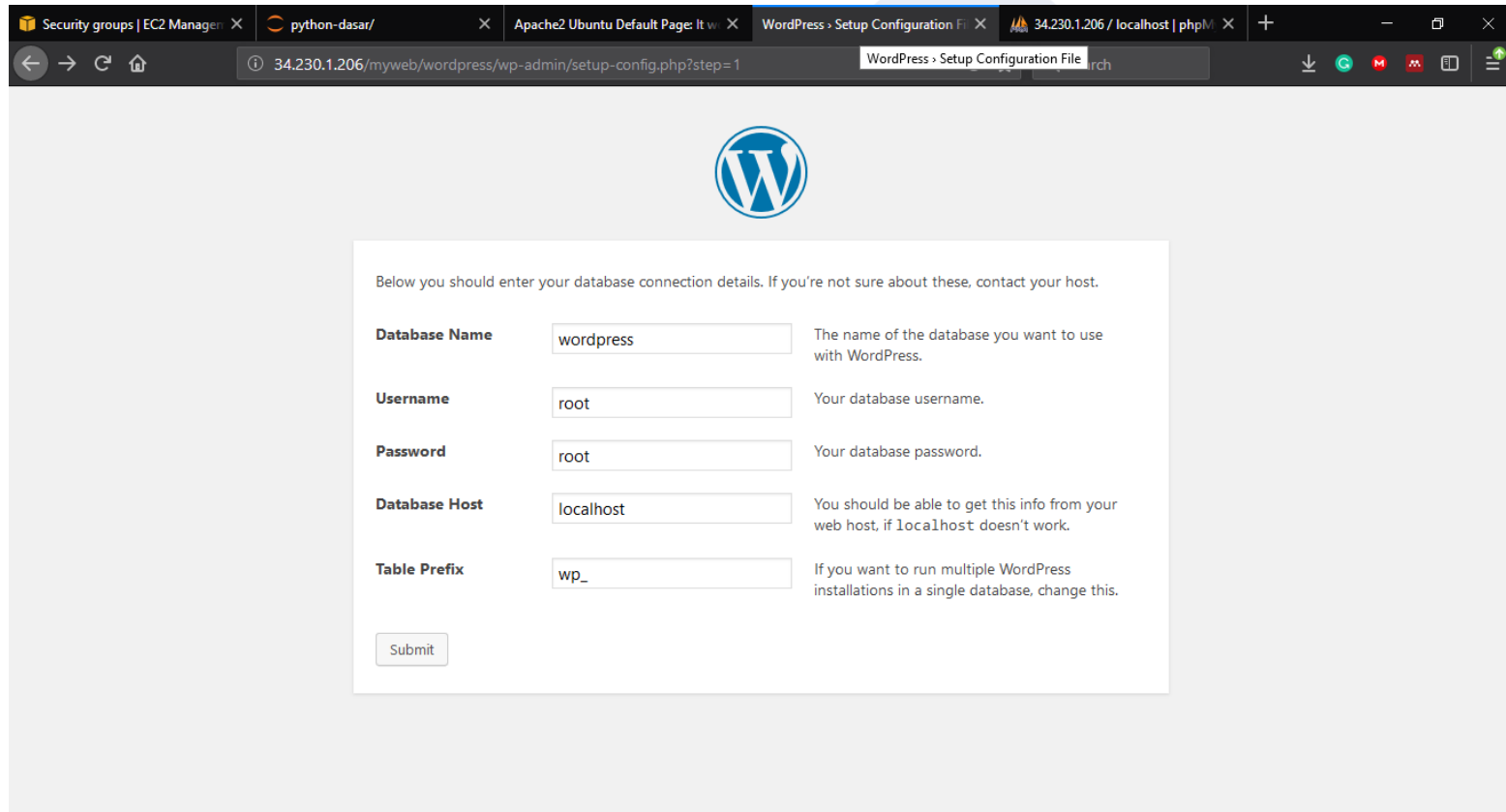
Pengantar Website

- Masukkan kata “wordpress”, klik Create



Pengantar Website

- Klik submit



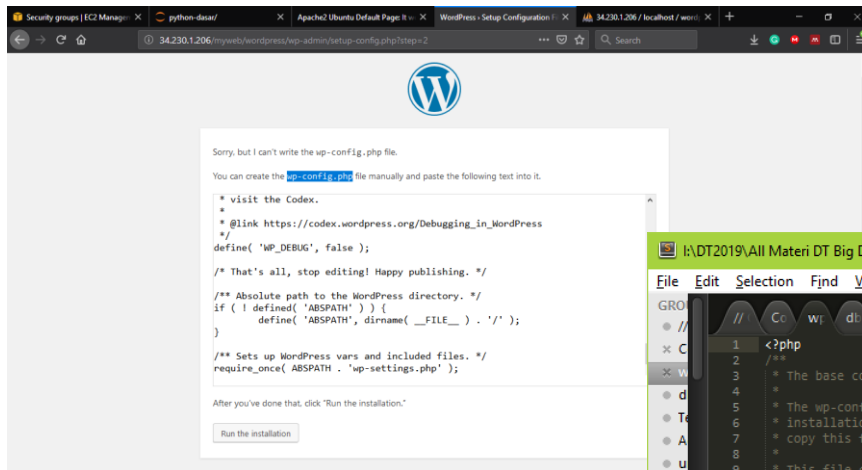
Below you should enter your database connection details. If you're not sure about these, contact your host.

Database Name	<input type="text" value="wordpress"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="root"/>	Your database username.
Password	<input type="text" value="root"/>	Your database password.
Database Host	<input type="text" value="localhost"/>	You should be able to get this info from your web host, if localhost doesn't work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

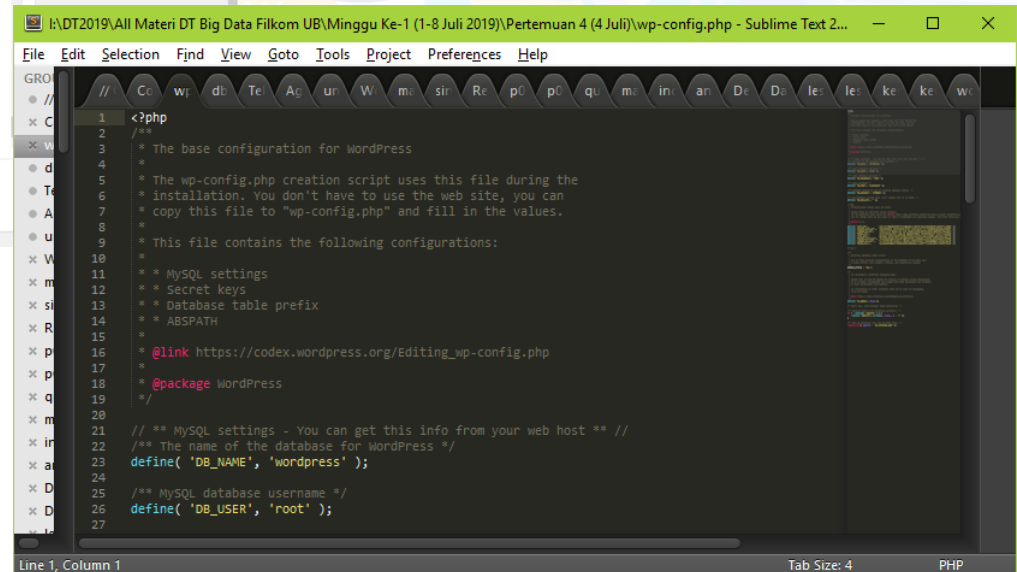


Pengantar Website

- Buat file “wp-config.php” dalam local yang berisi coba dibawah ini



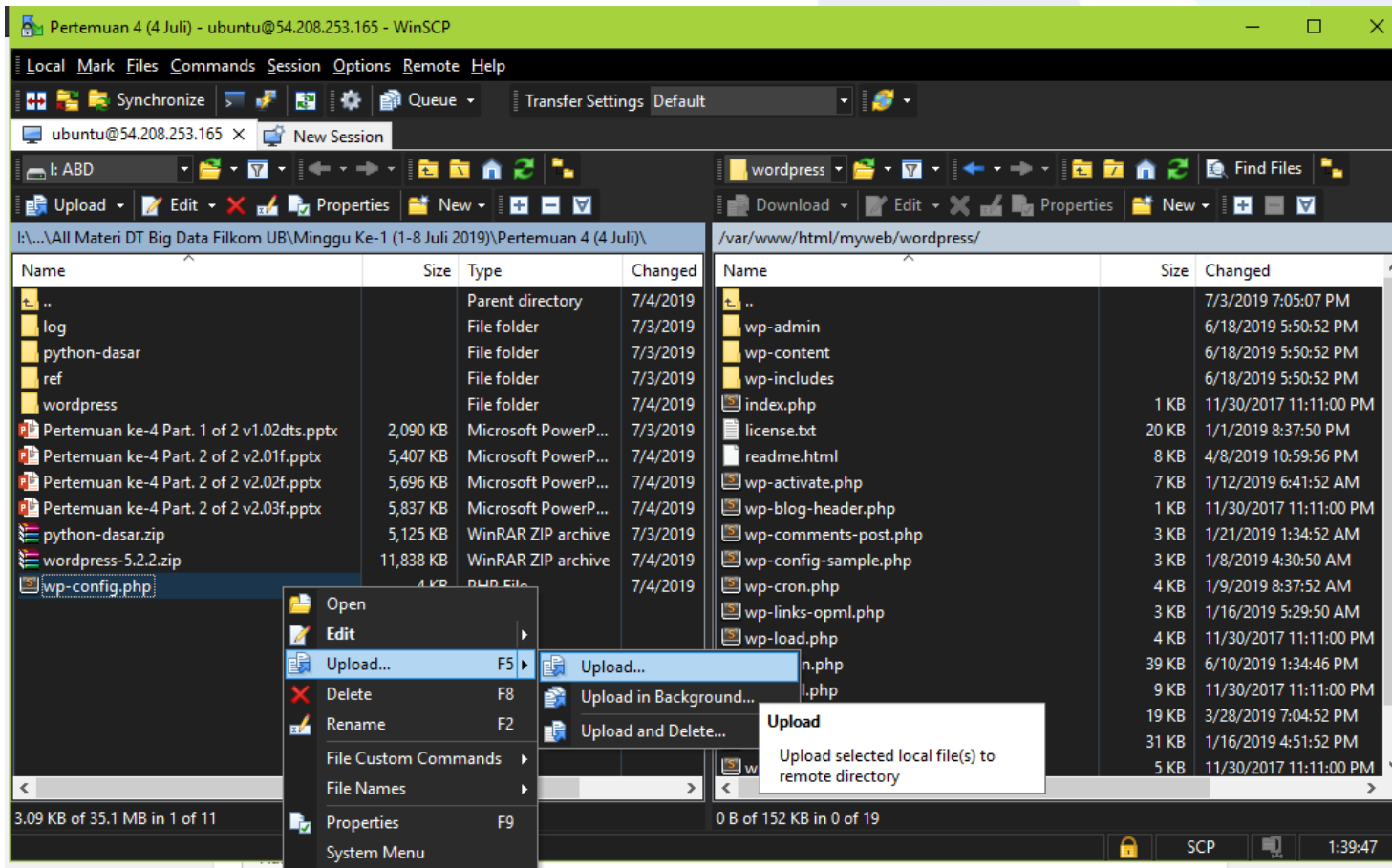
TERBUKA
UNTUK
DISABILITAS



- Pada putty/ZOC, ketik “sudo chown -R ubuntu:ubuntu /var/www/”, lalu tekan enter

Pengantar Website

- Lalu transfer file “wp-config.php” ke server pada folder “/var/www/html/myweb/wordpress”



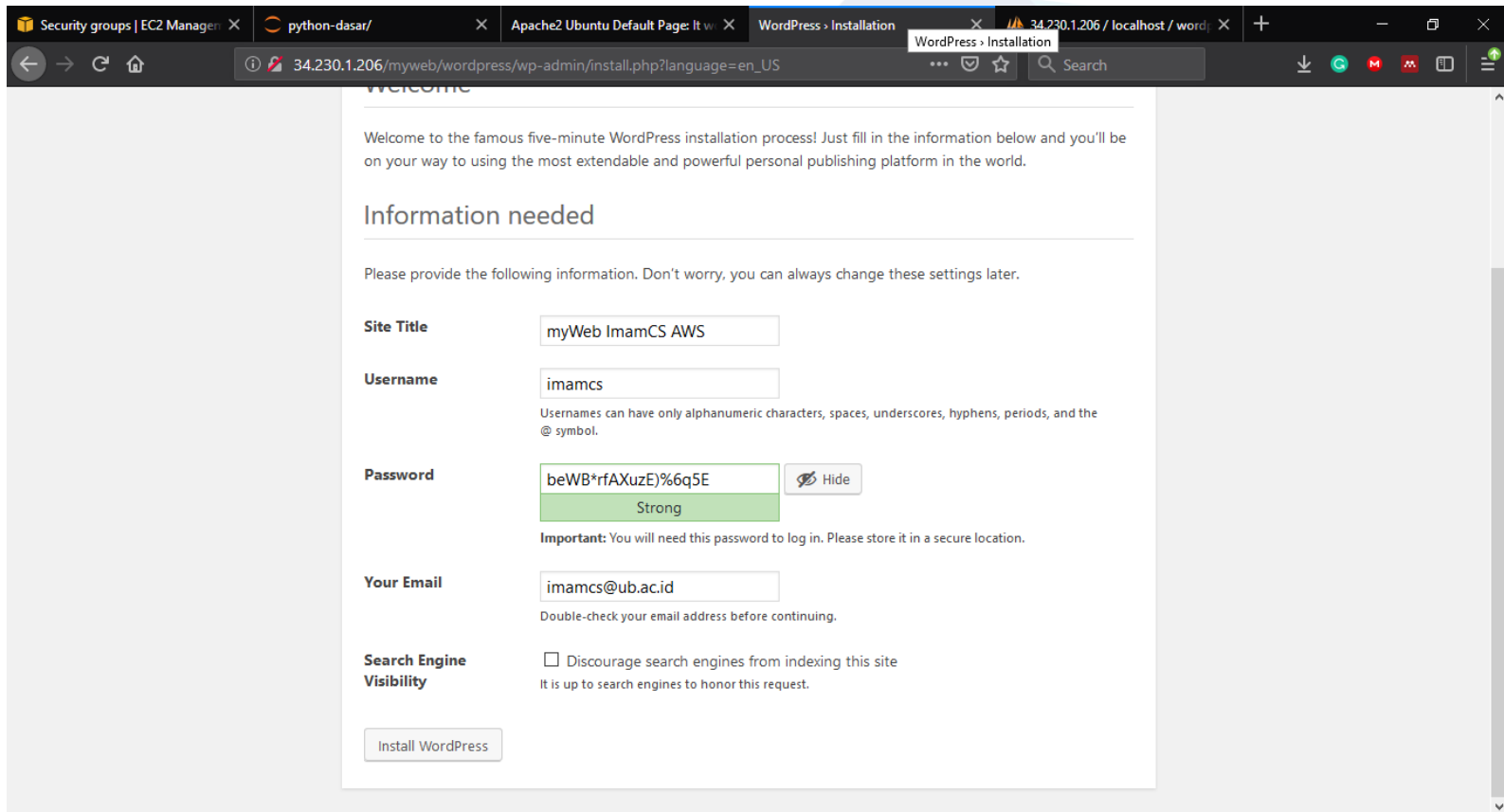
Pengantar Website

- Lalu Klik “Run the installation”



Pengantar Website

- Lengkapi yang ada, lalu klik “Install WordPress”



The screenshot shows the WordPress installation page in a web browser. The browser's address bar displays the URL `34.230.1.206/myweb/wordpress/wp-admin/install.php?language=en_US`. The page content includes a welcome message, a section titled "Information needed", and a form with the following fields:

- Site Title:** `myWeb ImamCS AWS`
- Username:** `imamcs`
Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.
- Password:** `beWB*rfAXuzE)%6q5E` (Strength: Strong) with a "Hide" button.
- Your Email:** `imamcs@ub.ac.id`
Double-check your email address before continuing.
- Search Engine Visibility:** ☐ Discourage search engines from indexing this site
It is up to search engines to honor this request.

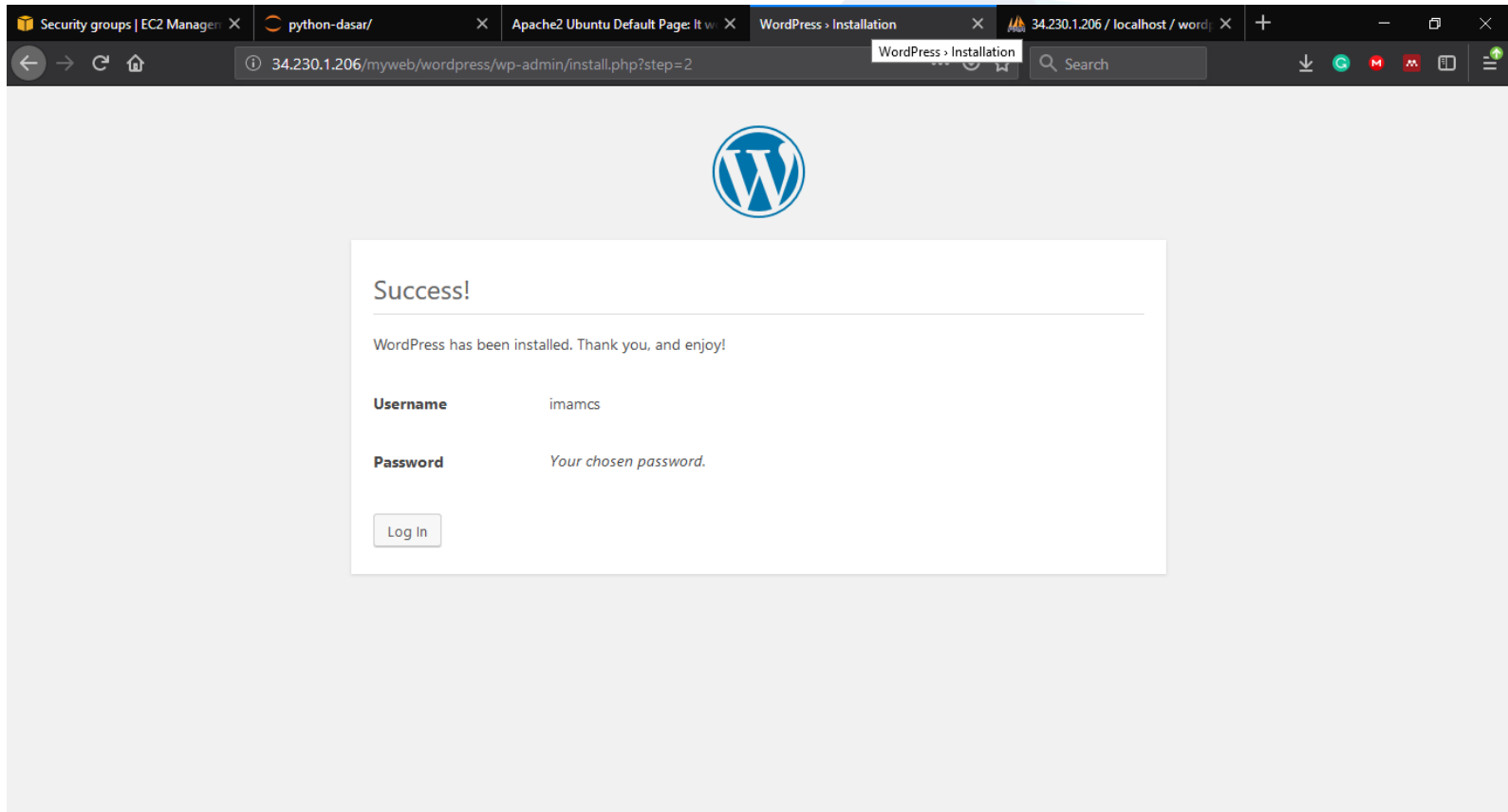
An "Install WordPress" button is located at the bottom of the form.

User: imamcs

Pwd: beWB*rfAXuzE)%6q5E

Pengantar Website

- Install WordPress berhasil, coba klik Log in

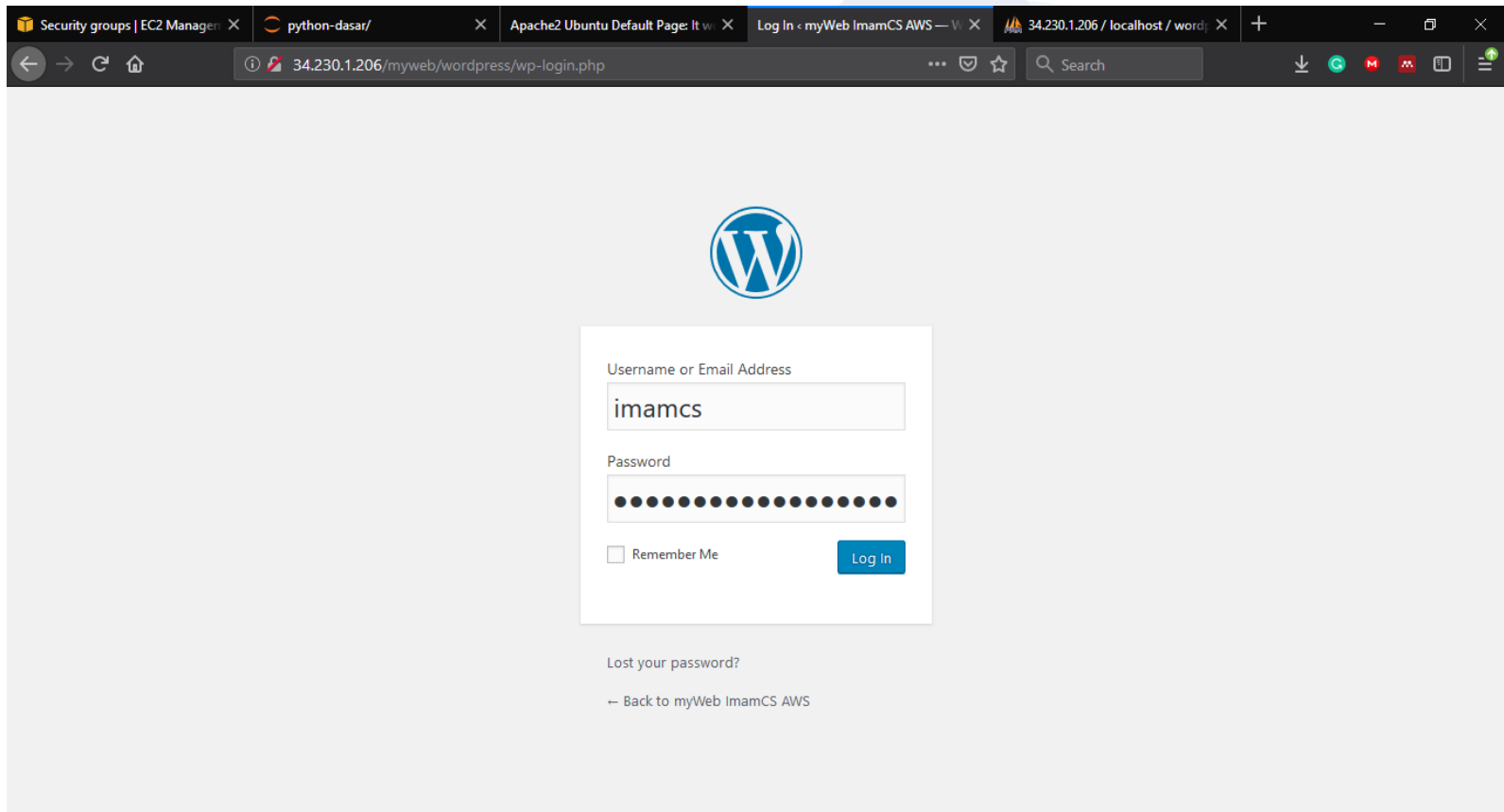


User: imamcs

Pwd: beWB*rfAXuzE)%6q5E

Pengantar Website

- Masukkan user dan pwd, klik Log in

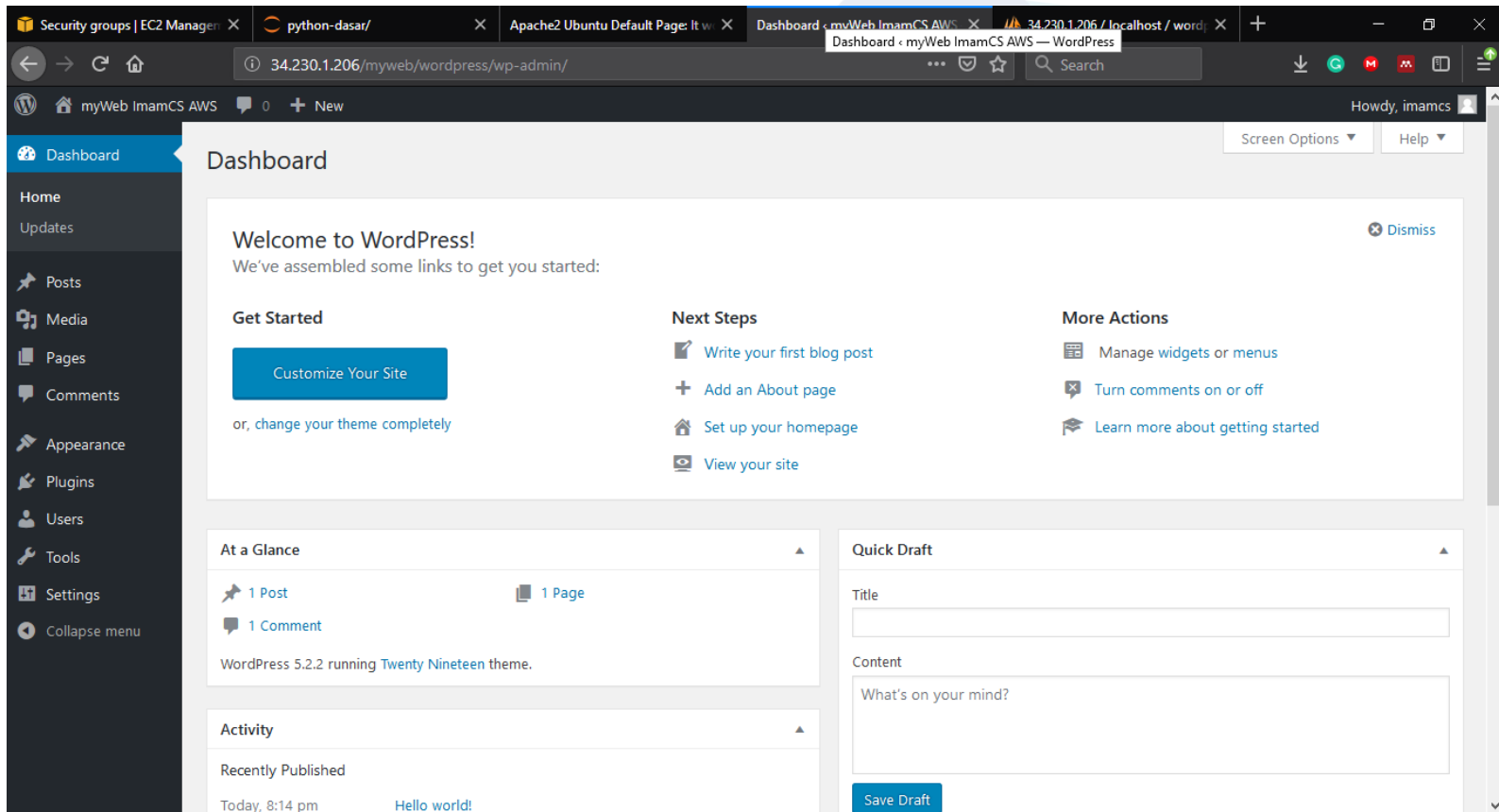


User: imamcs

Pwd: beWB*rfAXuzE)%6q5E

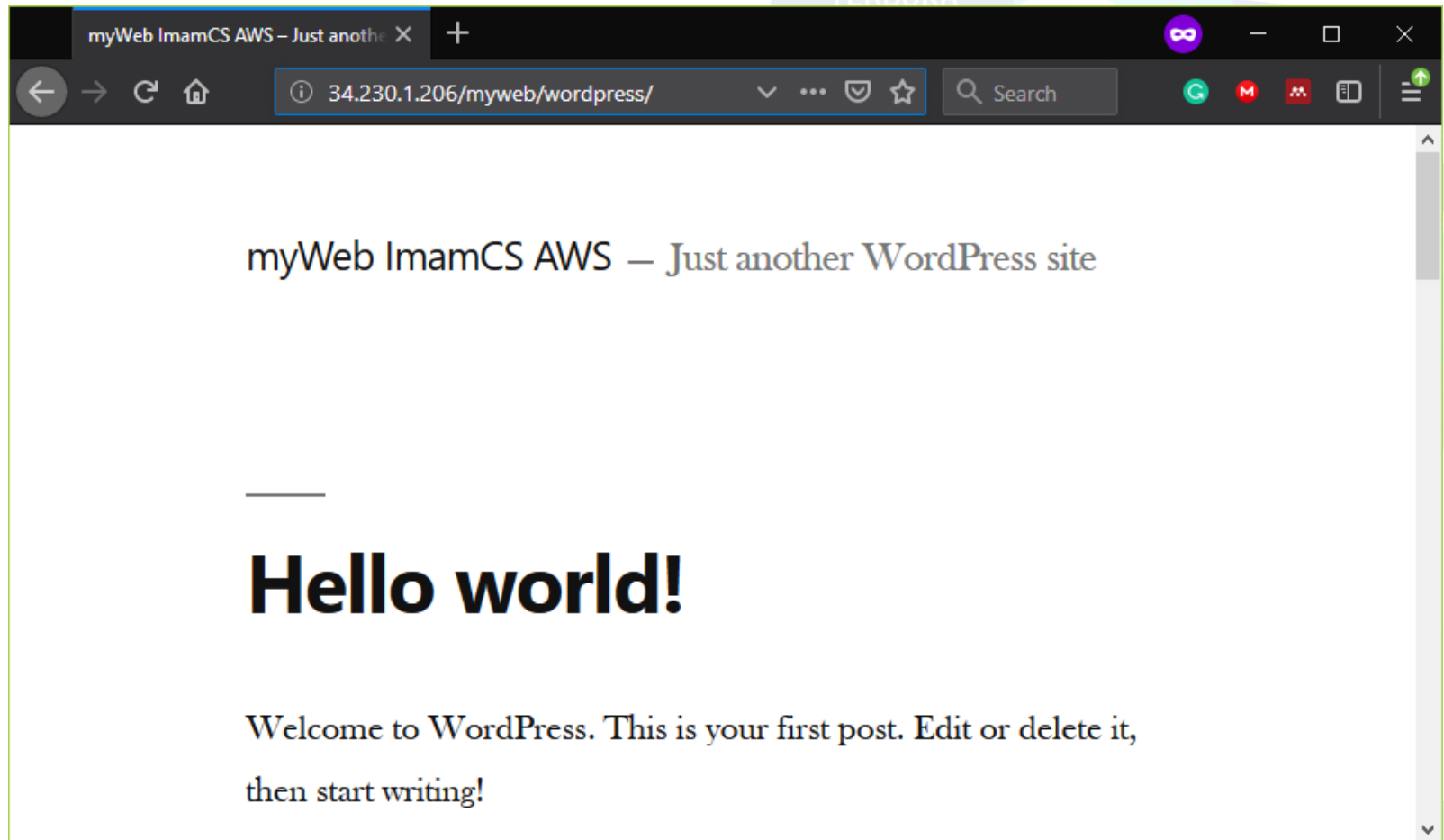
Pengantar Website

■ Tampilan Dashboard



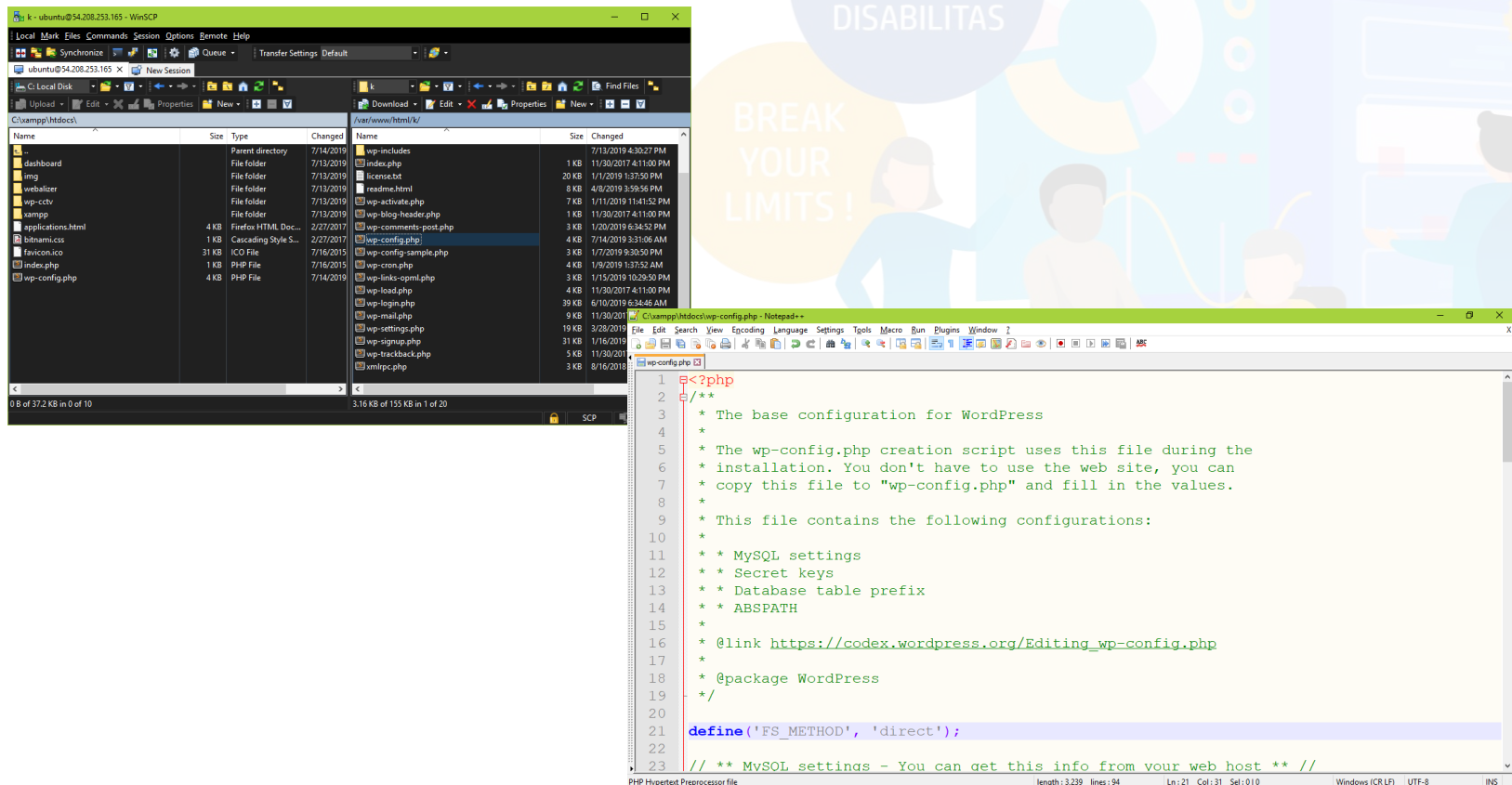
Pengantar Website

- Tampilan Web dari “http://34.230.1.206/myweb/wordpress/”, coba install Responsive theme yang menarik. Done!



Pengantar Website

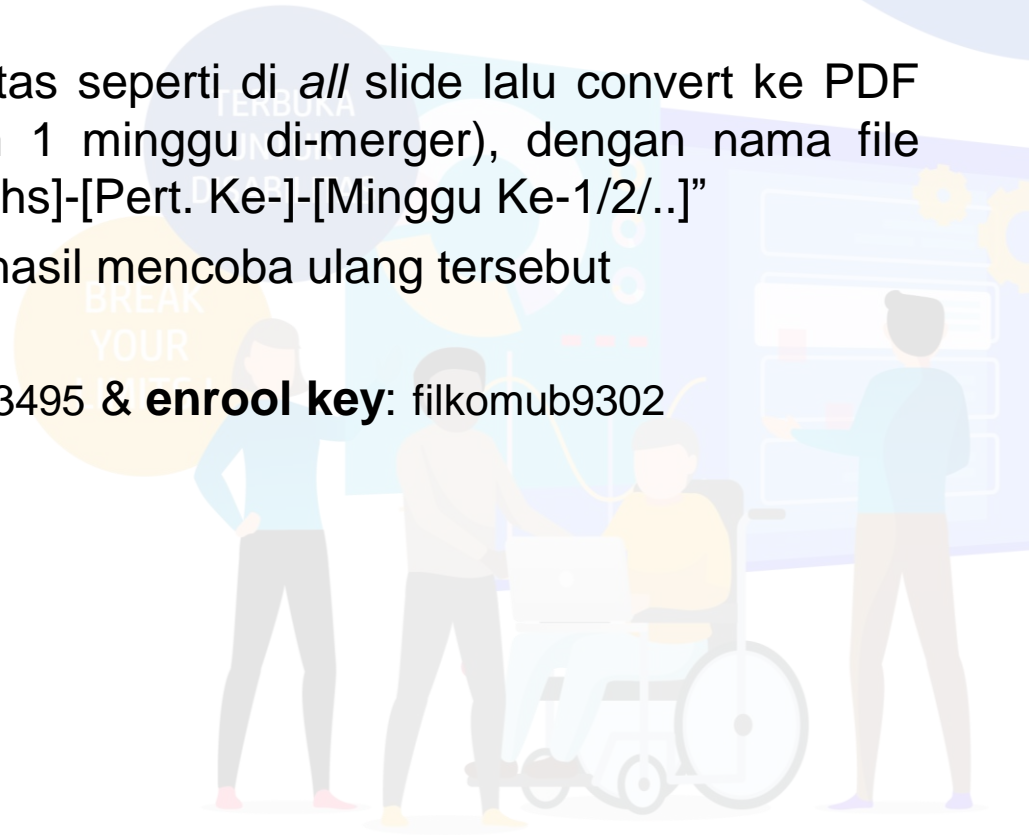
- Sebelum install Responsive theme yang menarik atau plugin atau lainnya, pada file “wp-config.php” (download misal via WinSCP) lalu tambahkan “define('FS_METHOD', 'direct');” (lalu upload lagi via WinSCP)



Tugas Individu

1. Perhatikan tugas berikut:

- Lakukan ulang materi di atas seperti di *all* slide lalu convert ke PDF (dari semua materi dalam 1 minggu di-merger), dengan nama file seperti: “[Nama Lengkap Mhs]-[Pert. Ke]-[Minggu Ke-1/2/..]”
- Cek plagiasi diturnitin dari hasil mencoba ulang tersebut
 - > Register ke turnitin
 - > Masukkan **id class**: 21563495 & **enroll key**: filkomub9302





DIGITAL
TALENT
SCHOLARSHIP



DIGITAL TALENT SCHOLARSHIP 2019

Big Data Analytics



Terimakasih

Oleh: Imam Cholissodin | imamcs@ub.ac.id, Putra Pandu Adikara, Sufia Adha Putri

Asisten: Guedho, Sukma, Anshori, Aang dan Gusti

Fakultas Ilmu Komputer (Filkom) Universitas Brawijaya (UB)