

## A.PENGERTIAN

EHCP (Easy Hosting Control Panel) adalah web gratis dan open source hosting control panel untuk distro Ubuntu Berbasis, yang dirancang untuk hosting beberapa domain pada mesin tunggal. Hal ini bertujuan agar mudah untuk menginstal dan menggunakan, sederhana, dan fungsional. Yang saat ini mendukung untuk DNS, Apache Web Server, MySQL, FTP, dan konfigurasi email.

## B.Maksud & Tujuan

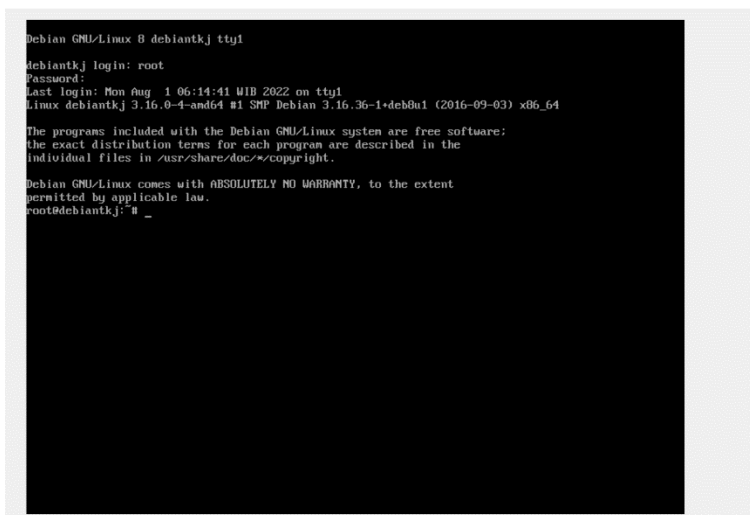
- Belajar membuat panel hosting
- Lebih mudah dalam kita konfigurasi Server kita yang berbasis web

## C.Alat & Bahan

- Laptop / pc untuk ssh
- Server
- Koneksi internet

## D.Langkah Pembuatan

Login Debian menggunakan username root dan password sesuaikan dengan password kalian



```
Debian GNU/Linux 8 debian@debian:~$
debian@debian login: root
Password:
Last login: Mon Aug 1 06:14:41 WIB 2022 on tty1
linux debian@debian 3.16.0-4-amd64 #1 SMP Debian 3.16.36-1+deb8u1 (2016-09-03) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
root@debian:~$
```

## Seting Ip

- ketik ifconfig kemudian muncul alamat ip 192.168.1.14 sesuaikan dengan ip kalian

```
root@debiankj:~# ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:9f:77:34
          inet addr:192.168.1.14  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe9f:7734/64  Scope:Link
          inet6 addr: 2001:448a:40af:1abe:a00:27ff:fe9f:7734/64  Scope:Global
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:9656 errors:0 dropped:0 overruns:0 frame:0
          TX packets:5267 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:921018 (899.4 KiB)  TX bytes:795223 (776.5 KiB)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128  Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

root@debiankj:~#
```

- Ketik “nano /etc/network/interfaces” klik enter\
- ( ip address sesuaikan dengan ip kalian *didalam satu jaringan network*)

```
GNU nano 2.2.6      File: /etc/network/interfaces

# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
#allow-hotplug eth0
auto eth0
iface eth0 inet static
    address 192.168.1.14
    netmask 255.255.255.0
    gateway 192.168.1.1
```

- Simpan & Keluar dengan cara “ctrl + X” kemudian tekan “Y”
- Ketikan “/etc/init.d/networking restart”

```

root@debiantkj:~# /etc/init.d/networking restart
[ ok ] Restarting networking (via systemctl): networking.service.
root@debiantkj:~#

```

- Ketik “ifconfig”

```

root@debiantkj:~# /etc/init.d/networking restart
[ ok ] Restarting networking (via systemctl): networking.service.
root@debiantkj:~# ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:9f:77:34
          inet addr:192.168.1.14  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe9f:7734/64 Scope:Link
          inet6 addr: 2001:448a:40af:1abe:a00:27ff:fe9f:7734/64 Scope:Global
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:9966 errors:0 dropped:0 overruns:0 frame:0
          TX packets:5385 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:949133 (926.8 KiB)  TX bytes:811004 (791.9 KiB)

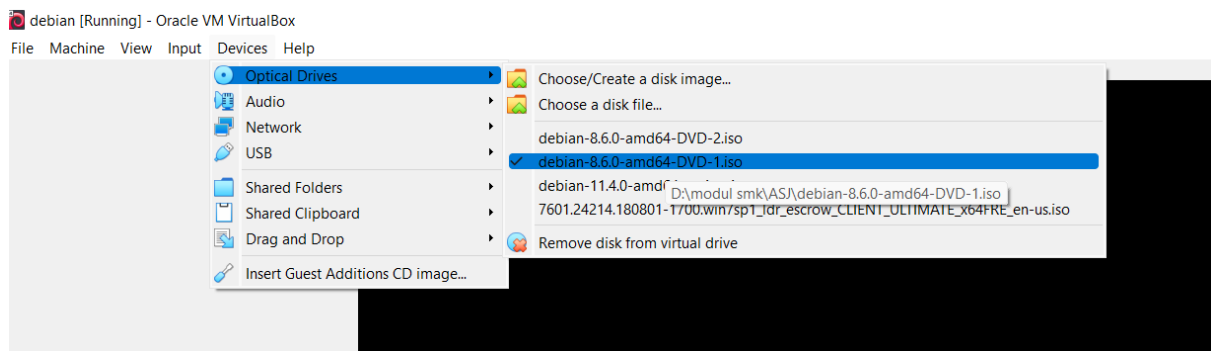
lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

root@debiantkj:~#

```

## Melakukan Update Repository dengan CD-Rom

- Pilih “devices -> CD/DVD Devices-> Choose a Virtual CD/DVD disk file” Pada Virtual Box



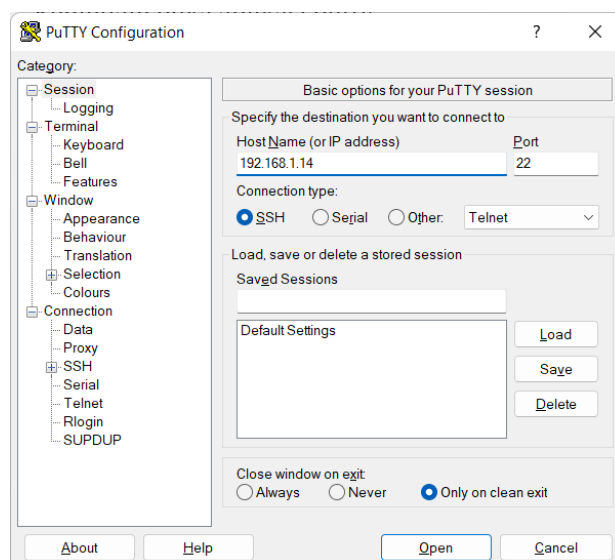
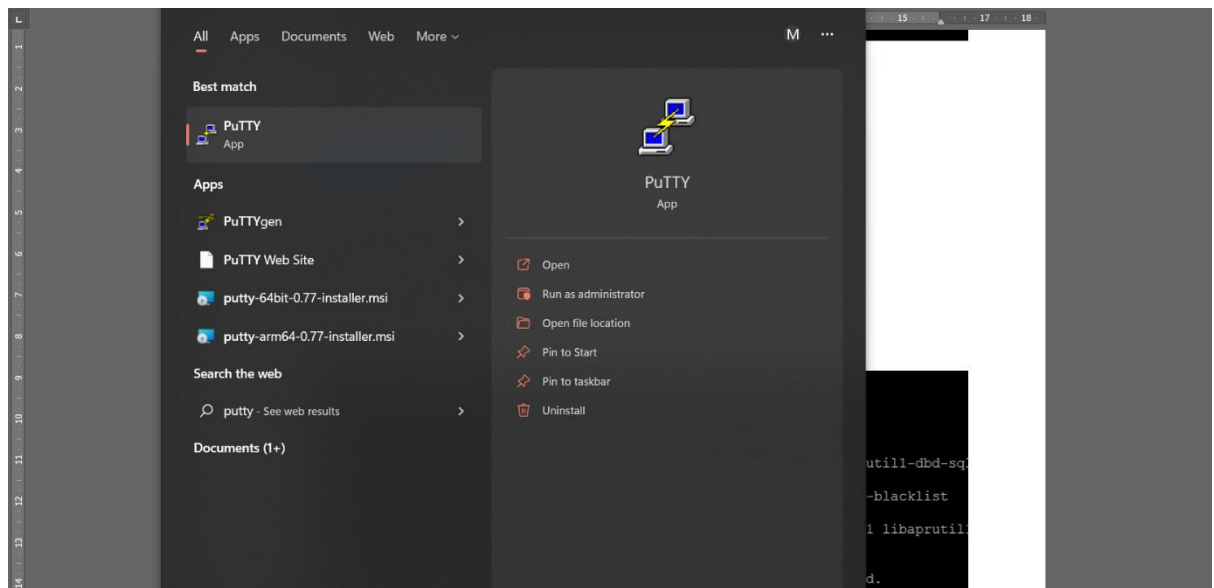
- Lalu ketik “apt-get update” klik Enter

## Install SSH server

- Ketik “apt-get install openssh-server”
- Kemudian tulis Y klik Enter

```
root@debian:~# apt-get install openssh-server
Reading package lists... Done
```

- Pastikan Instalasi Selesai !!!
- Kemudian download aplikasi putty menggunakan link ini  
<https://the.earth.li/~sgtatham/putty/latest/w64/putty-64bit-0.77-installer.msi>
- Setelah itu install
- Kemudian buka aplikasi putty



- Setelah itu masukan hostname menggunakan ip address kalian kemudian open

## Install Aplikasi Hosting di debian server

- Ketik “apt-get install apache2

```
root@debiantkj:/home/debiantkj# apt-get install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3
Suggested packages:
  apache2-doc apache2-suexec-pristine apache2-suexec-custom openssl-blacklist
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3
0 upgraded, 10 newly installed, 0 to remove and 0 not upgraded.
Need to get 0 B/1.942 kB of archives.
After this operation, 6.643 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

Tulis Y kemudian Enter

- Selanjutnya Ketik “apt-get install php5”

```
root@debiantkj:/home/debiantkj# apt-get install php5
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  libapache2-mod-php5 libonig2 libqdbm14 php5-cli php5-common php5-json php5-readline
Suggested packages:
  php-pear php5-user-cache
The following NEW packages will be installed:
  libapache2-mod-php5 libonig2 libqdbm14 php5 php5-cli php5-common php5-json php5-readline
0 upgraded, 8 newly installed, 0 to remove and 5 not upgraded.
Need to get 5.306 kB/5.443 kB of archives.
After this operation, 21,6 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

- Ketikan Y kemudian Enter
- Ketik “service apache2 restart”

```
Processing triggers for libapache2-mod-php5 (5.6.24+dfsg-0+deb8u1) ...
root@debiantkj:/home/debiantkj# service apache2 restart
root@debiantkj:/home/debiantkj#
```

- Ketik “nano /var/www/html/info.php”



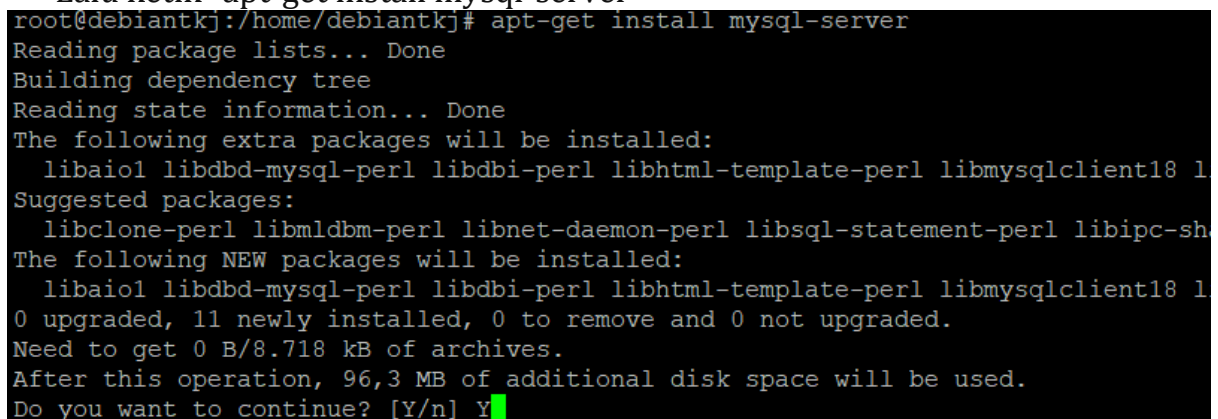
The screenshot shows the GNU nano 2.2.6 text editor interface. The title bar indicates the file path is /var/www/html/info.php. The editor contains the following PHP code:

```
<?php
phpinfo();
?>
```

The bottom status bar shows the current file name and various keyboard shortcuts for file operations:

- Ctrl-O: Nama File untuk di-Tulis: /var/www/html/info.php
- Ctrl-X: Bantu
- Ctrl-Q: Batal
- Ctrl-F: Format DOS
- Ctrl-M: Format Mac
- Ctrl-A: Tambah
- Ctrl-I: Tambah
- Ctrl-B: Backup File

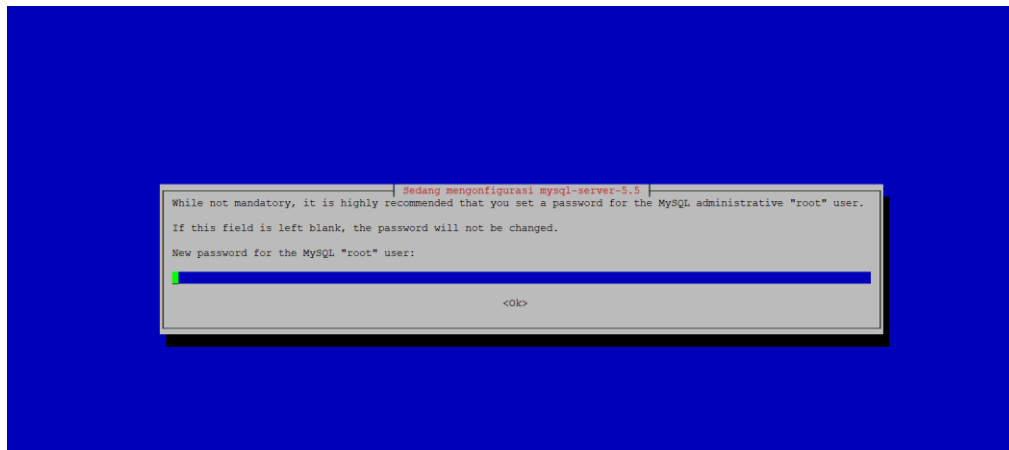
- Simpan & Keluar dengan cara tekan “ctrl + X” kemudian tekan “Y”
- Lalu ketik “apt-get install mysql-server”



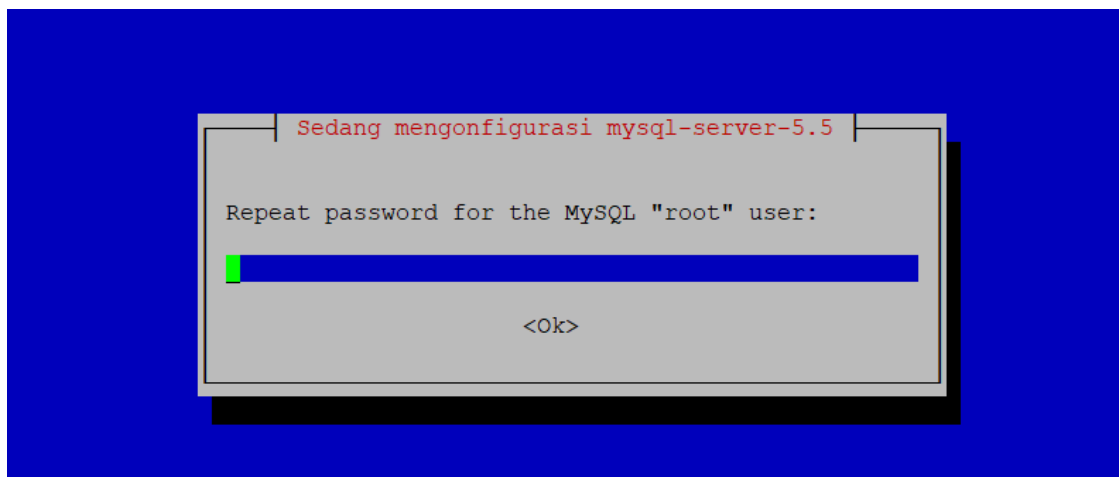
The screenshot shows a terminal window with the following output for the command `apt-get install mysql-server`:

```
root@debiankj:/home/debiankj# apt-get install mysql-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  libaio1 libdbd-mysql-perl libdbi-perl libhtml-template-perl libmysqlclient18 1
Suggested packages:
  libclone-perl libmldbm-perl libnet-daemon-perl libsql-statement-perl libipc-sh
The following NEW packages will be installed:
  libaio1 libdbd-mysql-perl libdbi-perl libhtml-template-perl libmysqlclient18 1
0 upgraded, 11 newly installed, 0 to remove and 0 not upgraded.
Need to get 0 B/8.718 kB of archives.
After this operation, 96,3 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

- Ketikkan Password ( root ) Lalu klik “OK”



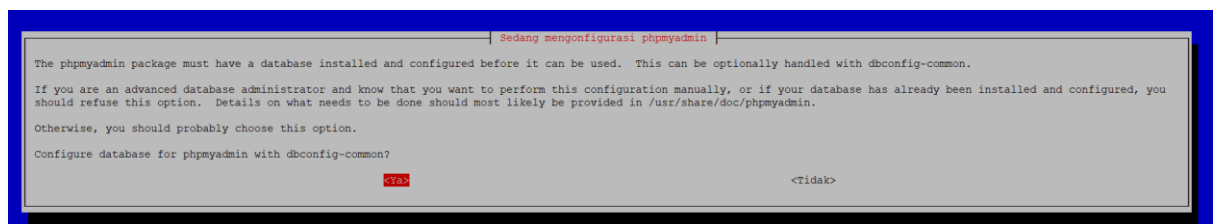
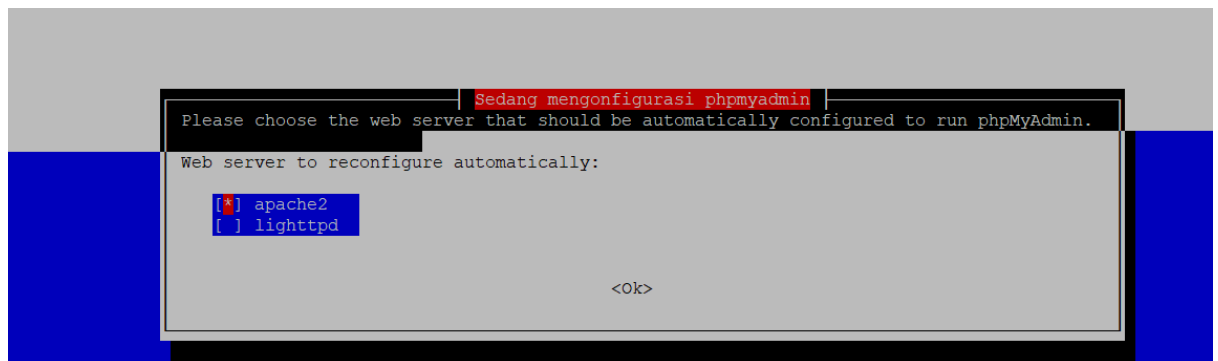
- Masukkan kembali password ( root ) tadi lalu klik “OK”



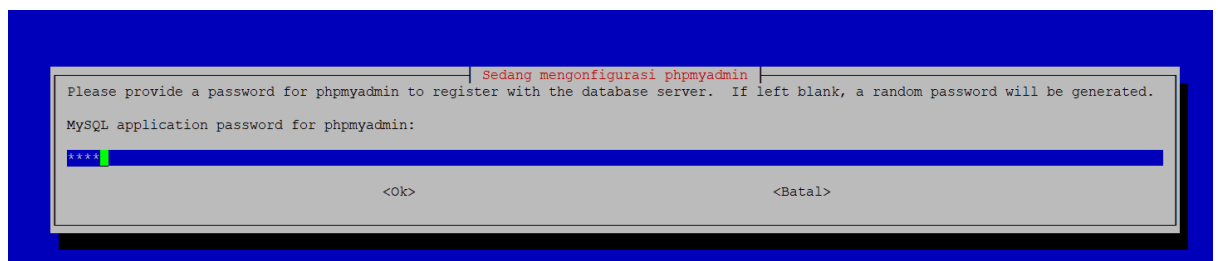
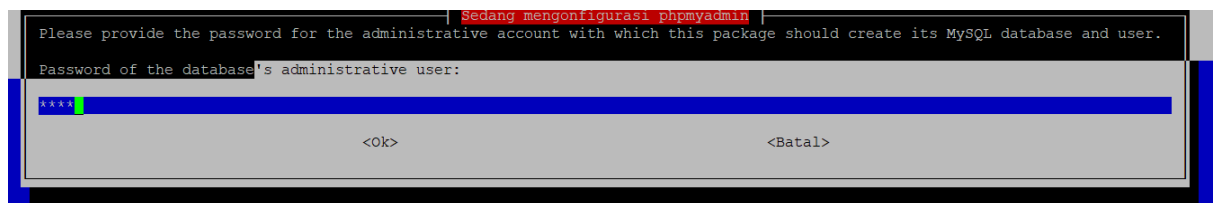
- Tunggu sampai instalasi selesai lalu ketikkan apt-get install phpmyadmin

```
root@debiantkj:/home/debiantkj# apt-get install phpmyadmin
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  dbconfig-common javascript-common libgd3 libjs-jquery libjs-sphinxdoc libjs-underscore libltdl7
Suggested packages:
  libgd-tools libmcrypt-dev mcrypt php5-imagick
The following NEW packages will be installed:
  dbconfig-common javascript-common libgd3 libjs-jquery libjs-sphinxdoc libjs-underscore libltdl7
  phpmyadmin
0 upgraded, 16 newly installed, 0 to remove and 0 not upgraded.
Need to get 0 B/13,6 MB of archives.
After this operation, 50,1 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

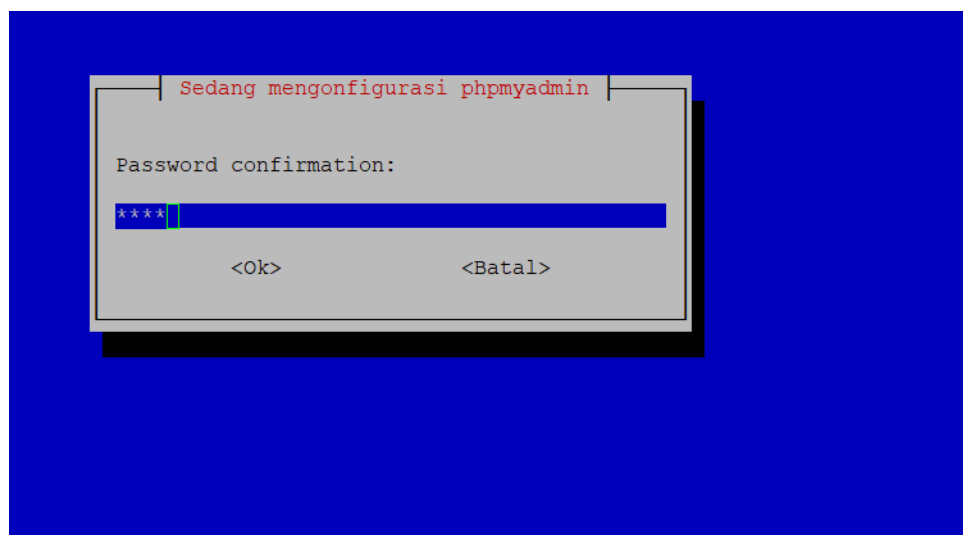
- Pilih tanda \*(Klik spacee) pada “apache2” dan pilih menu “OK”
- Pilih menu “Yes”



- Kemudian masukan password ( root )



- Konfirmasi paswsword menggunakan root kemudian enter





- Untuk mengecek apakah kalian berhasil maka buka aplikasi browser dan ketikkan “IP-address-debian/phpmyadmin/” contoh
- <http://192.168.1.14/phpmyadmin/> ip address sesuaikan dengan ip kalian

