Mail & Web Mail Server

Pastikan kalian sudah mengkonfigurasi IP, DNS Server, Web Server

Masukan file iso Debian 8 dvd 2

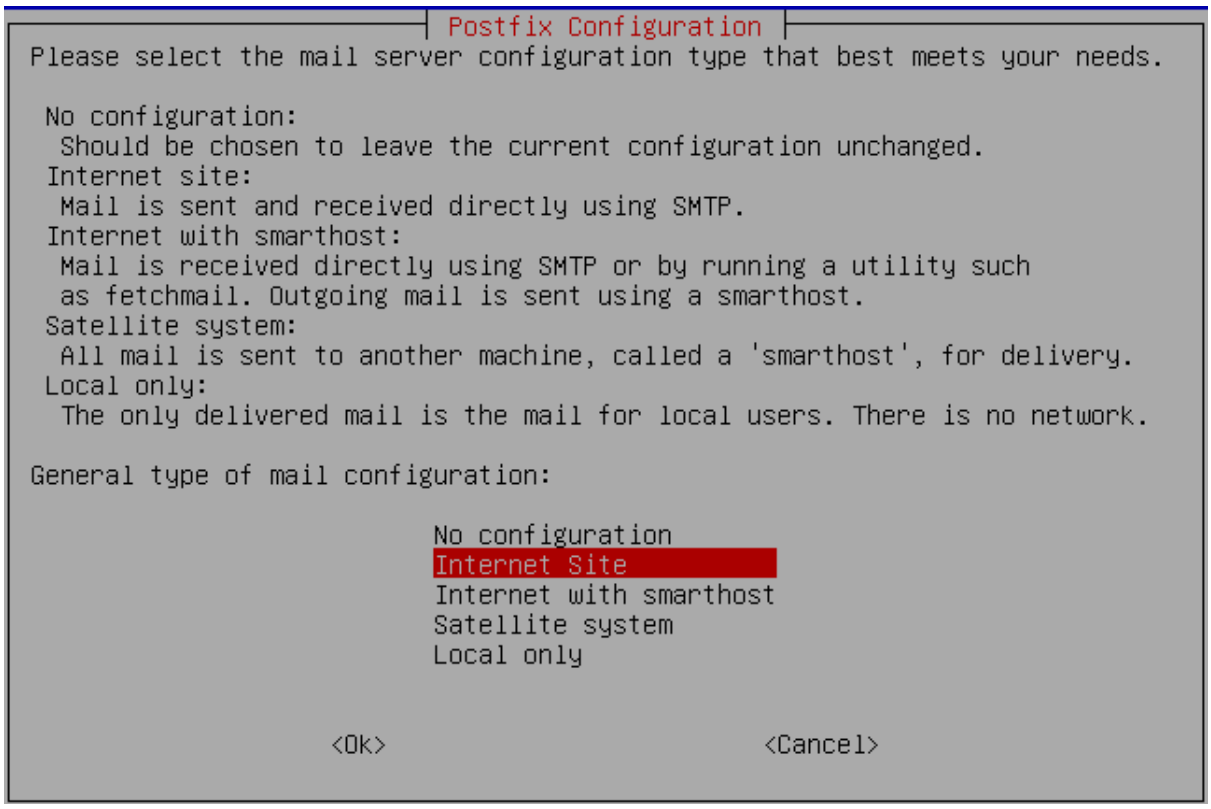
Install paket squirrelmail postfix courier-imap courier-pop

```
root@aril:~# apt-get install squirrelmail postfix courier-imap courier-pop
```

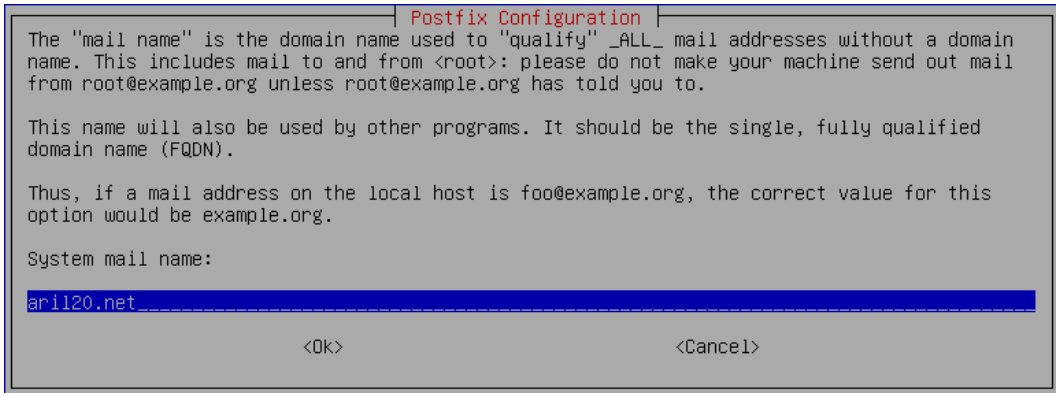
Masukan dvd 1 kemudian enter

```
 'Debian GNU/Linux 8.5.0 _Jessie_ - Official i386 DVD Binary-1 20160604-14:09'
in the drive '/media/cdrom/' and press enter
```

Pilih Internet Site kemudian enter



Di system mail name : isi dns yang kita buat



Masukan Debian dvd 2 kemudian enter

```
 'Debian GNU/Linux 8.5.0 _Jessie_ - Official i386 DVD Binary-2 20160604-14:09'
in the drive '/media/cdrom/' and press enter
```

Pilih no kemudian enter

```
Create directories for web-based administration?

                    <Yes>                    <No>
```

Masukan Debian dvd 3 kemudian enter

```
 'Debian GNU/Linux 8.5.0 _Jessie_ - Official i386 DVD Binary-3 20160604-14:09'
in the drive '/media/cdrom/' and press enter
```

Buat folder Maildir di /etc/skel

```
root@aril:~# maildirmake /etc/skel/Maildir
```

Edit file main.cf servis postfix

```
root@aril:~# nano /etc/postfix/main.cf _
```

Tambahkan script di paling bawah

home_mailbox = Maildir

```
inet_interfaces = all
home_mailbox = Maildir/
```

Edit file apache.conf

```
root@aril:~# nano /etc/squirrelmail/apache.conf _
```

Edit baris dibawah sesuaikan kemudian sesuaikan juga dns yang kita buat dengan sub domain mail dan jangan lupa hilangkan tanda #

```
# users will prefer a simple URL like http://webmail.example.com
<VirtualHost *:80>
  DocumentRoot /usr/share/squirrelmail
  ServerName mail.aril20.net
</VirtualHost>
```

Edit file apache2.conf

```
root@aril:~# nano /etc/apache2/apache2.conf
```

Tambahkan script berikut di baris paling bawah dan perhatikan huruf besar kecilnya

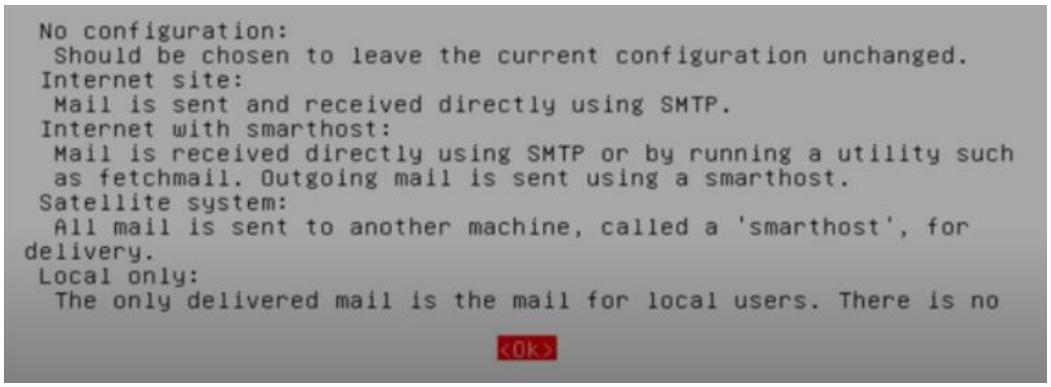
Include / etc/squirrelmail/apache.conf

```
# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
Include /etc/squirrelmail/apache.conf
```

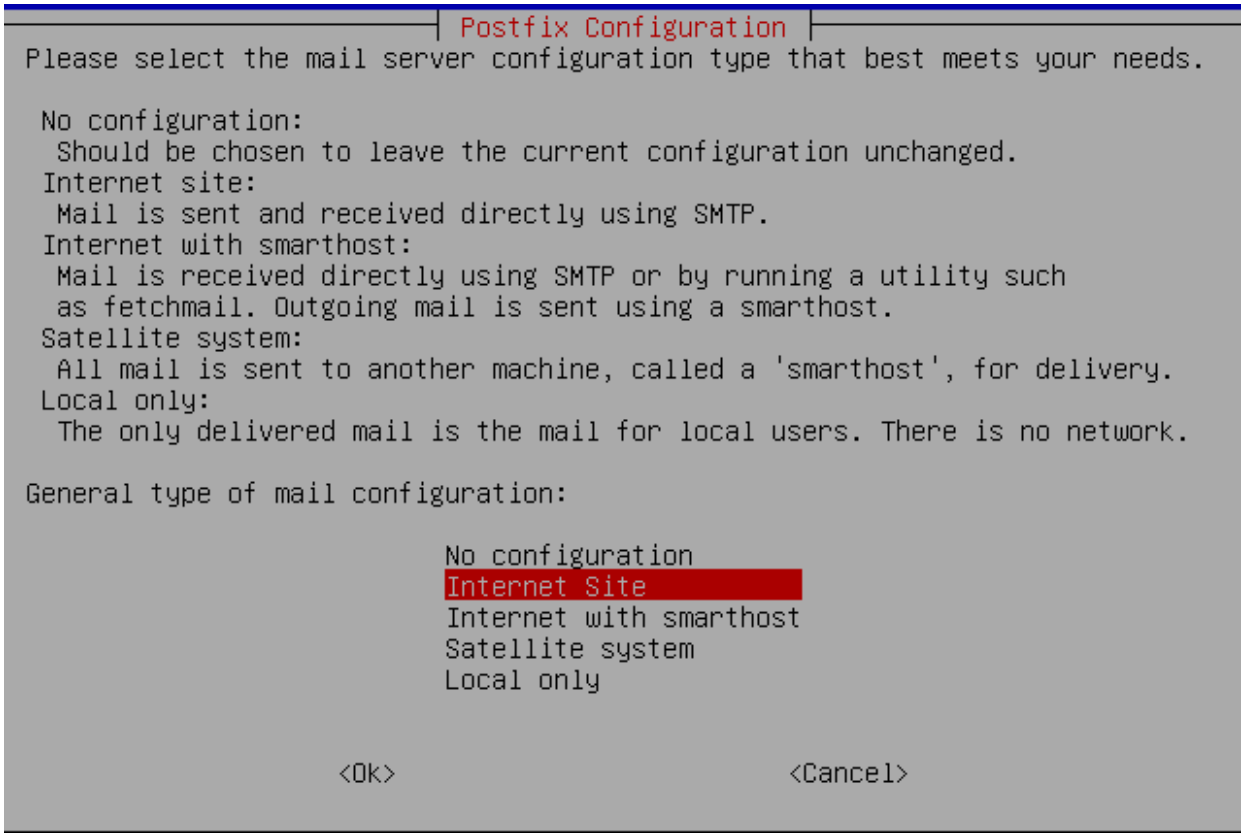
Rekonfigurasi postfix

```
root@aril:~# dpkg-reconfigure postfix
```

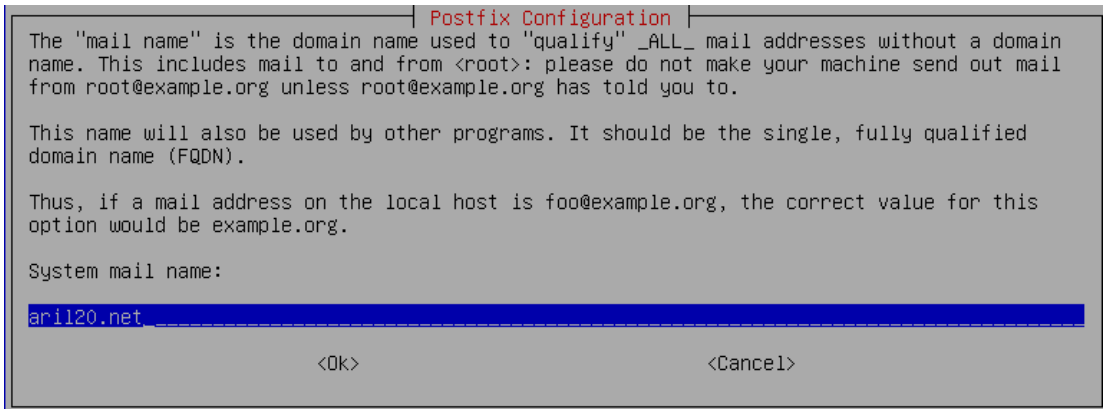
Pilih OK dengan menekan tab kemudian enter



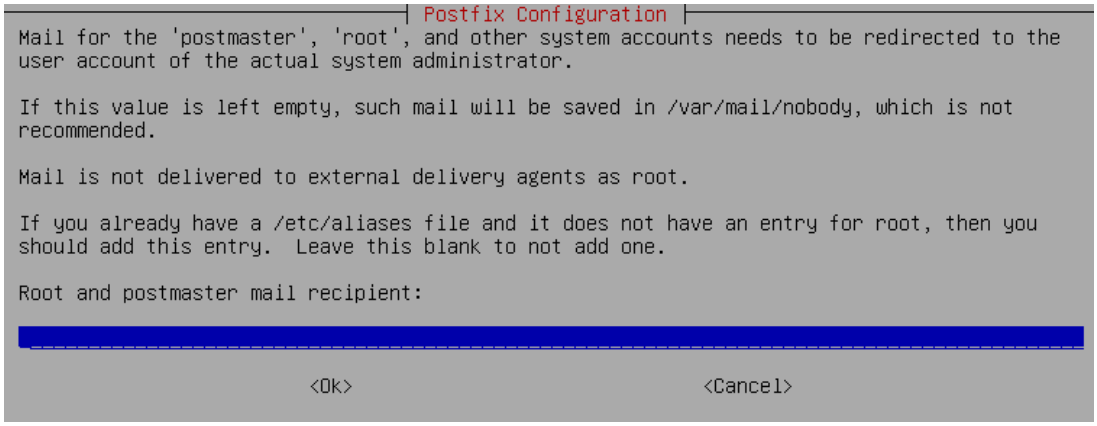
Pilih Internet Site kemudian enter



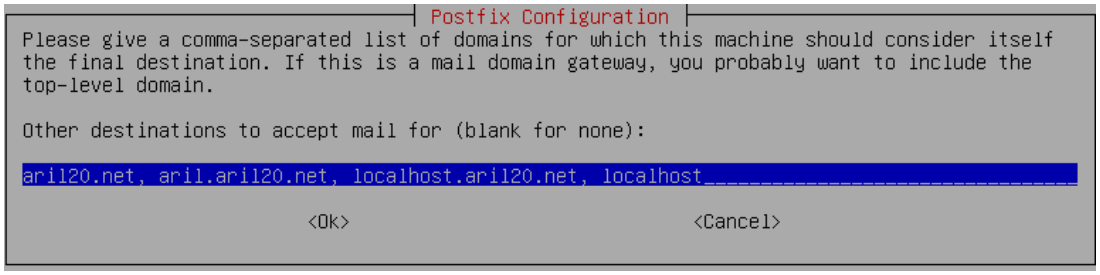
Di system mail name isikan dns yang dibuat kemudian enter



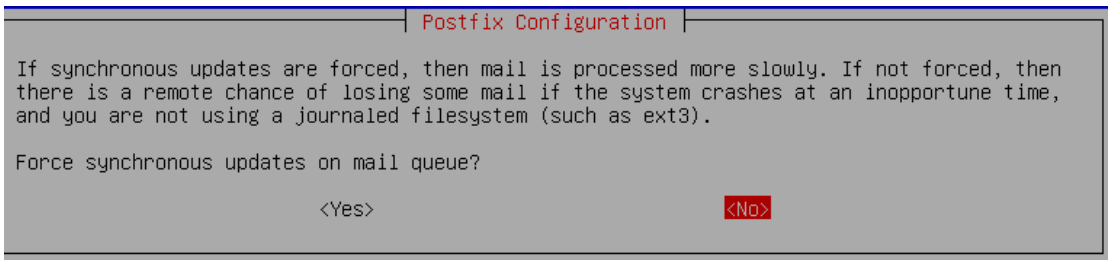
Root and postmaster biarkan kosong kemudian enter



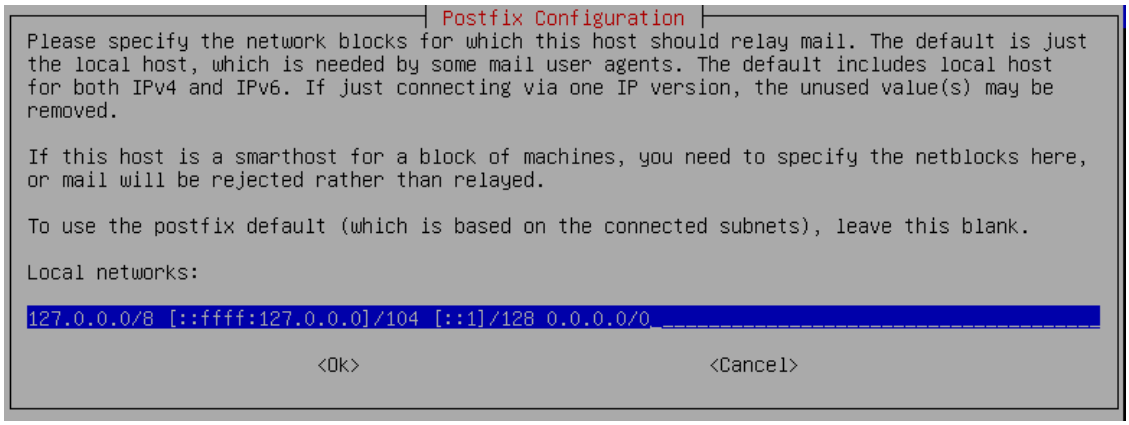
Other destinations biarkan default kemudian enter



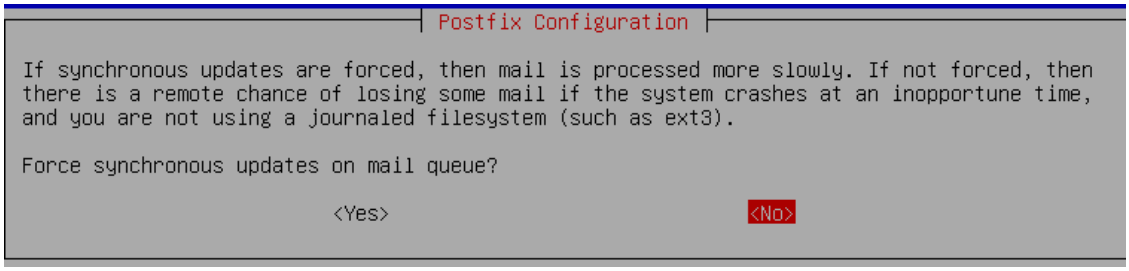
Force synchronous pilih NO kemudian tekan enter



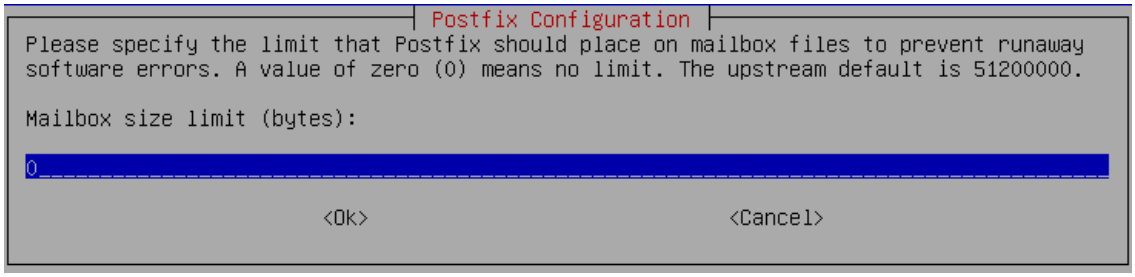
Pada local network isi 0.0.0.0/0



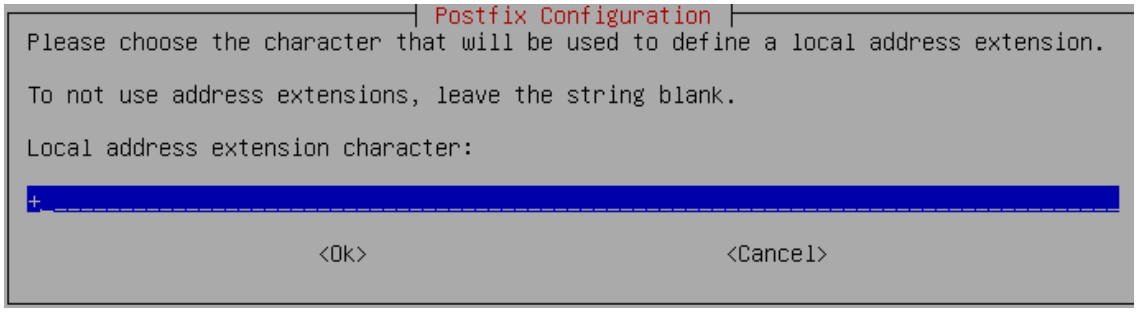
Pada use procmail pilih NO kemudian tekan enter



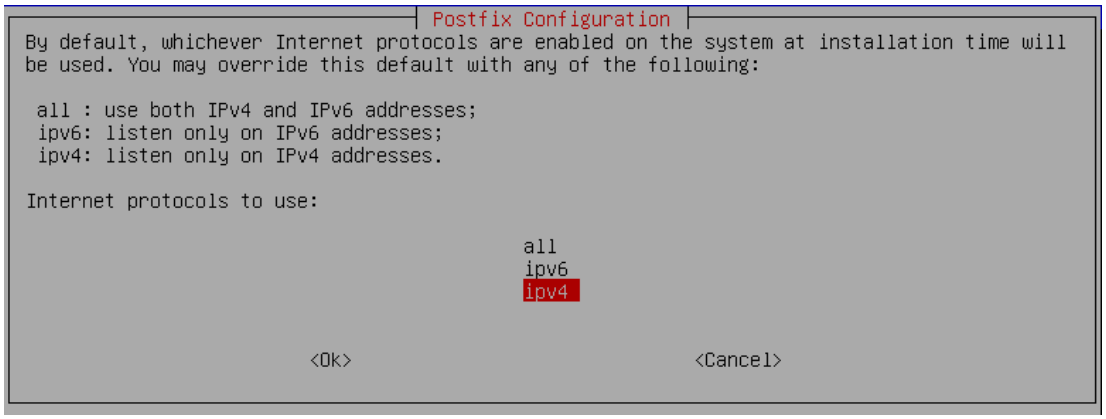
Pada mailbox size biarkan default kemudian enter



Pada local address biarkan default kemudian enter



Pada internet protocols pilih IPv4 kemudian enter



Restart servis apache2
Restart servis postfix
Restart servis courier-imap
Restart servis courier-pop

```
root@aril:~# /etc/init.d/apache2 restart
[ ok ] Restarting apache2 (via systemctl): apache2.service.
root@aril:~# /etc/init.d/postfix restart
[ ok ] Restarting postfix (via systemctl): postfix.service.
root@aril:~# /etc/init.d/courier-imap restart
[ ok ] Restarting courier-imap (via systemctl): courier-imap.service.
root@aril:~# /etc/init.d/courier-pop restart
[ ok ] Restarting courier-pop (via systemctl): courier-pop.service.
```

Buat user ke 1 contoh : sahreza

```
root@aril:~# adduser sahreza
```

Masukan password untuk user

```
Enter new UNIX password:
Retype new UNIX password:
```

Untuk full name sampai other biarkan kosong dengan menekan tombol enter

```
Enter the new value, or press ENTER for the default
        Full Name []:
        Room Number []:
        Work Phone []:
        Home Phone []:
        Other []:
Is the information correct? [Y/n]
```

Buat user kedua contoh : angel

```
root@aril:~# adduser angel
```

Masukan password untuk user

```
Enter new UNIX password:
Retype new UNIX password: _
```

Pengujian mengirim pesan

```
root@aril:~# telnet mail.aril20.net 25
```

Masukan user pengirim contoh sahreza

```
mail from: sahreza
```

Masukan user penerima contoh angel

```
rcpt to: angel
```

Ketikan perintah data kemudian enter untuk menulis isi pesan

```
data
```

Isi pesan

```
354 End data with <CR><LF>.<CR><LF>
haloo gimana kabar kamu hari ini?
```

Untuk mengakhiri pesan tekan enter kemudian tekan . (titik) lalu tekan enter lagi

```
354 End data with <CR><LF>.<CR><LF>
haloo gimana kabar kamu hari ini?
.
```

Masukan perintah quit untuk keluar dari menu pengiriman pesan

```
quit
```

Pengujian membuka pesan

```
root@aril:~# telnet mail.aril20.net 110
```

Masukan username penerima pesan contoh : angel

```
user angel
```

Masukan password

```
+OK Password required.
pass 2
```

Ketikan perintah stat untuk melihat jumlah pesan di kotak masuk

```
stat
```

Angka di tengah itu ada jumlah pesan yg masuk, kenapa di situ 2 karna sebelumnya saya telah mencoba mengirim pesan

```
+OK 2 1232
```

Ketik perintah retr spasi nomer pesan untuk membuka pesan

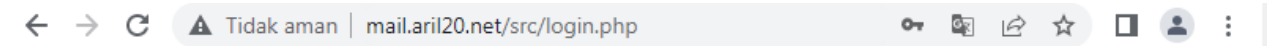
```
retr 2_
```

Isi dari pesan yang masuk masukan perintah quit untuk keluar dari menu

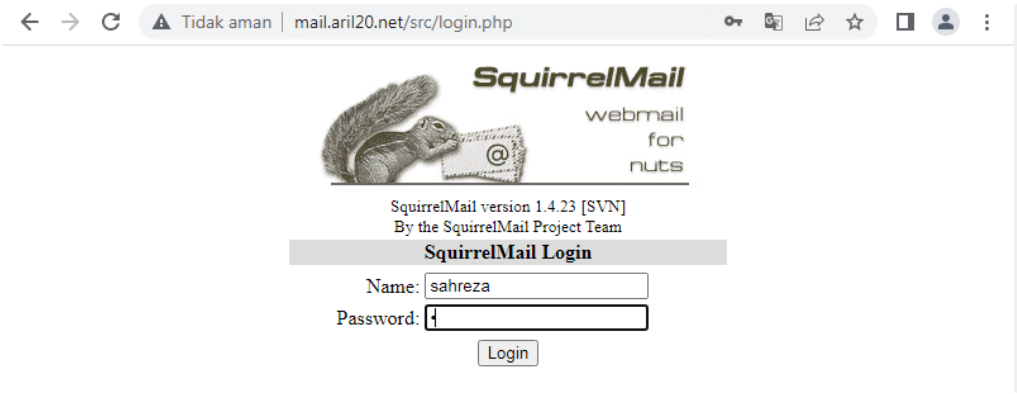
```
+OK 410 octets follow.
Return-Path: <sahreza@aril20.net>
X-Original-To: angel
Delivered-To: angel@aril20.net
Received: from unknown (unknown [192.168.1.1])
        by aril.aril20.net (Postfix) with SMTP id D80A71FA2B
        for <angel>; Mon, 13 Mar 2023 10:49:50 +0700 (WIB)
Message-Id: <20230313035024.D80A71FA2B@aril.aril20.net>
Date: Mon, 13 Mar 2023 10:49:50 +0700 (WIB)
From: sahreza@aril20.net

haloo gimana kabar kamu hari ini?
.
```

Pengujian WEB MAIL Server

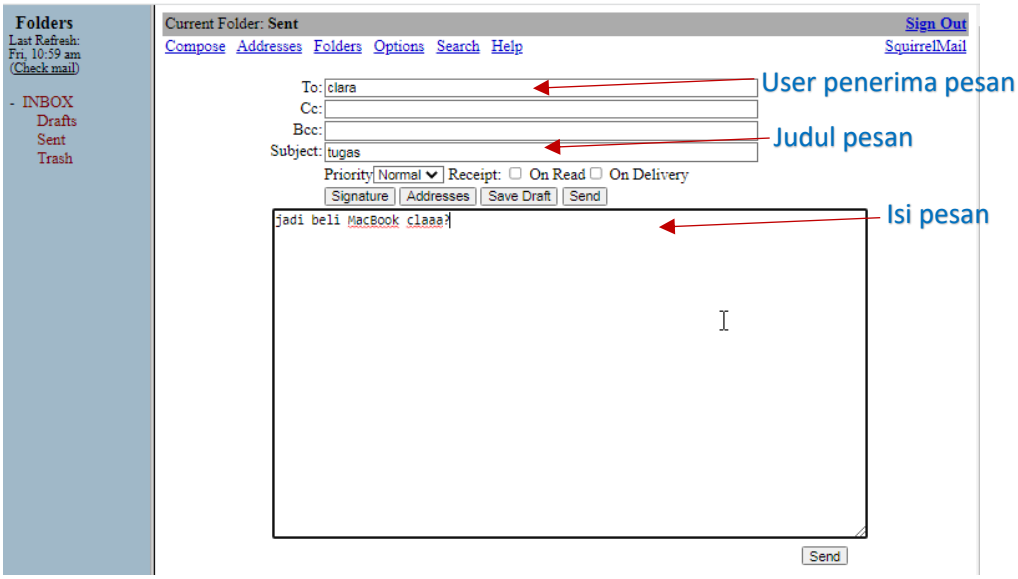
Buka web browser ketikan



Masukan user dan password pengirim

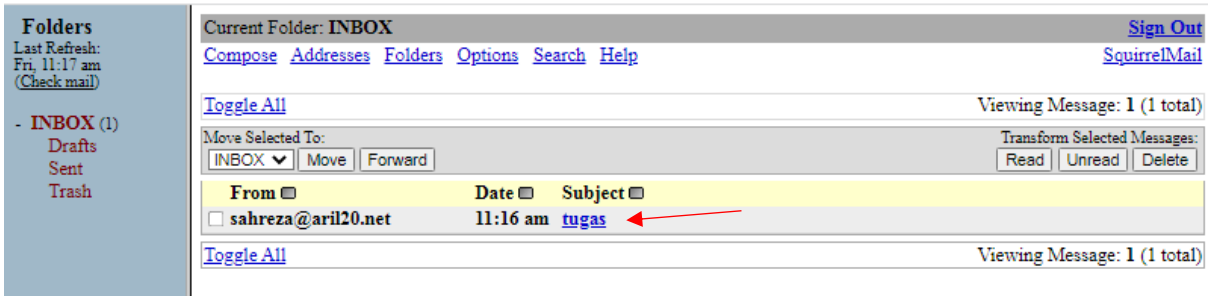


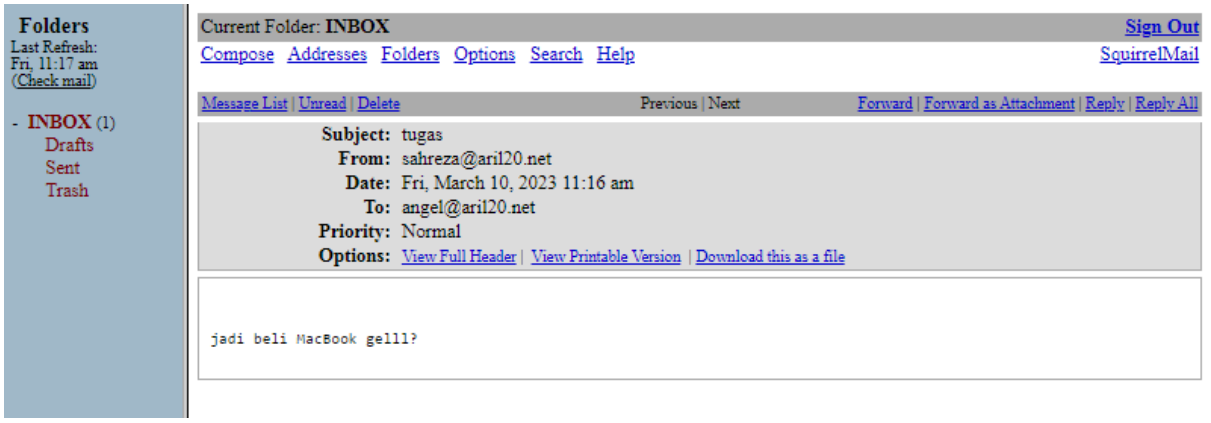
Klik menu compose untuk menulis pesan baru kemudian send untuk mengirim pesan



Sign out kemudian login kembali untuk mengganti akun

Klik subject untuk membaca pesan yang masuk





Selesai.