

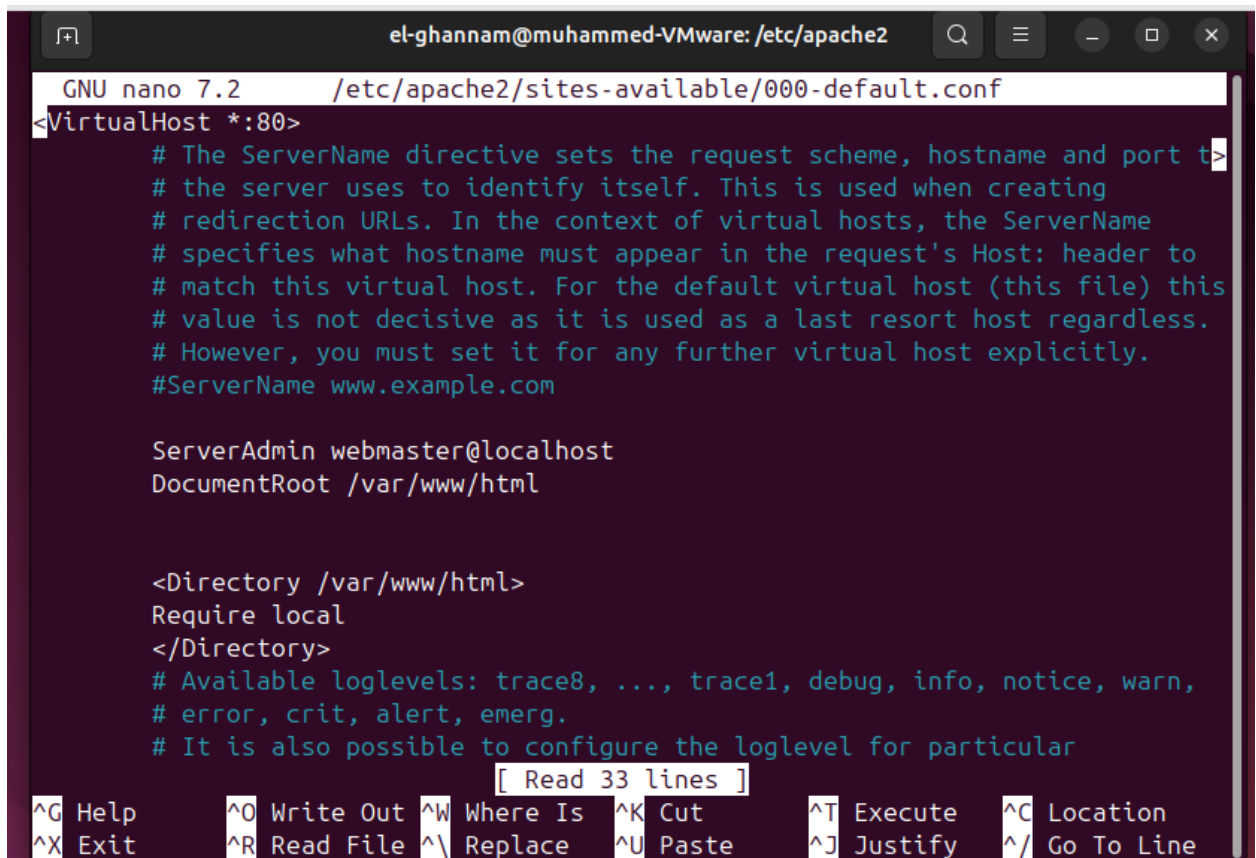
## Question 5

- 1) Edit [ 000-default.conf ] file (Write command) =>

```
sudo nano /etc/apache2/sites-available/000-default.conf
```

```
el-ghannam@muhammed-VMware:/etc/apache2$ sudo nano /etc/apache2/sites-available/000-default.conf
```

- 2) in [ <VirtualHost \*:80> ] write
- ```
<Directory /var/www/html>
    Required local
</Directory>
```
- Then save the file and exit



```
GNU nano 7.2 /etc/apache2/sites-available/000-default.conf
<VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port that
    # the server uses to identify itself. This is used when creating
    # redirection URLs. In the context of virtual hosts, the ServerName
    # specifies what hostname must appear in the request's Host: header to
    # match this virtual host. For the default virtual host (this file) this
    # value is not decisive as it is used as a last resort host regardless.
    # However, you must set it for any further virtual host explicitly.
    #ServerName www.example.com

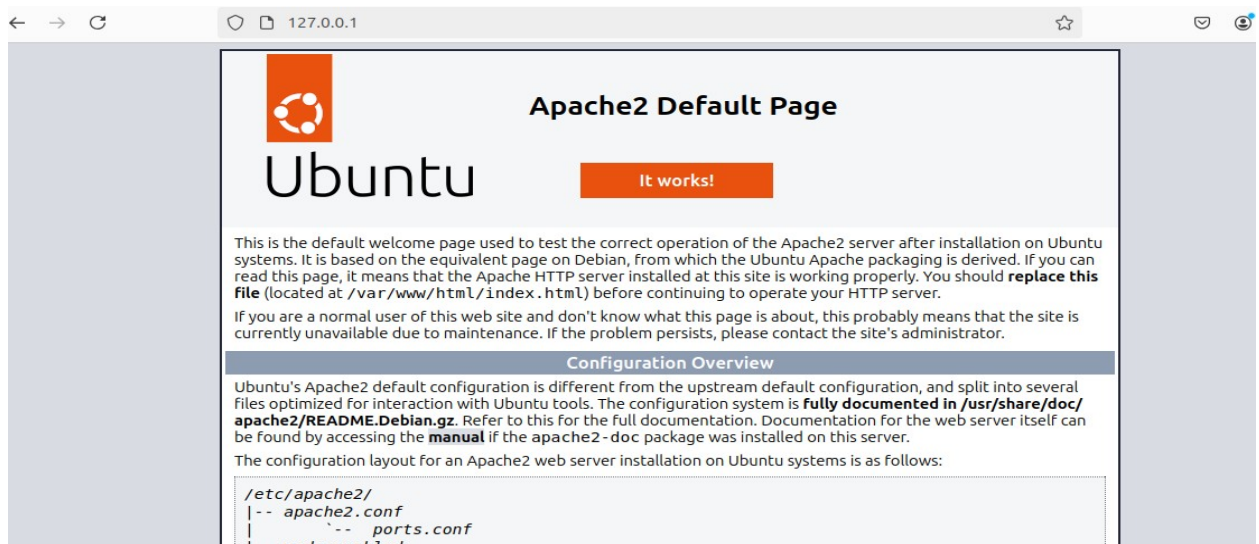
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/html

    <Directory /var/www/html>
        Require local
    </Directory>
    # Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
    # error, crit, alert, emerg.
    # It is also possible to configure the loglevel for particular
    [ Read 33 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

- 3) restart apache by command
- ```
sudo systemctl restart apache2
```

```
el-ghannam@muhammed-VMware:/etc/apache2$ sudo nano /etc/apache2/sites-available/000-default.conf
el-ghannam@muhammed-VMware:/etc/apache2$ sudo systemctl restart apache2
```

4) open browser



5) To allow access for a specific ip

```
sudo nano /etc/apache2/sites-available/000-default.conf
```

```
el-ghannam@muhammed-VMware:/etc/apache2$ sudo nano /etc/apache2/sites-available/000-default.conf
```

6) Then in [`<VirtualHost *:80>`] write

```
<Directory /var/www/html>
```

```
    Required ip 1.2.3.4
```

```
</Directory>
```

Then save the file and exit

```
el-ghannam@muhammed-VMware: /etc/apache2
GNU nano 7.2 /etc/apache2/sites-available/000-default.conf *
<VirtualHost *:80>
# The ServerName directive sets the request scheme, hostname and port that
# the server uses to identify itself. This is used when creating
# redirection URLs. In the context of virtual hosts, the ServerName
# specifies what hostname must appear in the request's Host: header to
# match this virtual host. For the default virtual host (this file) this
# value is not decisive as it is used as a last resort host regardless.
# However, you must set it for any further virtual host explicitly.
#ServerName www.example.com

ServerAdmin webmaster@localhost
DocumentRoot /var/www/html

<Directory /var/www/html>
Require ip 1.2.3.4
</Directory>
# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular

^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute  ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify  ^_ Go To Line
```

- 7) restart apache by command  
sudo systemctl restart apache2

```
el-ghannam@muhammed-VMware:/etc/apache2$ sudo nano /etc/apache2/sites-available/000-default.conf
el-ghannam@muhammed-VMware:/etc/apache2$ sudo systemctl restart apache2
```

- 8) open browser (error because the ip is fake)

