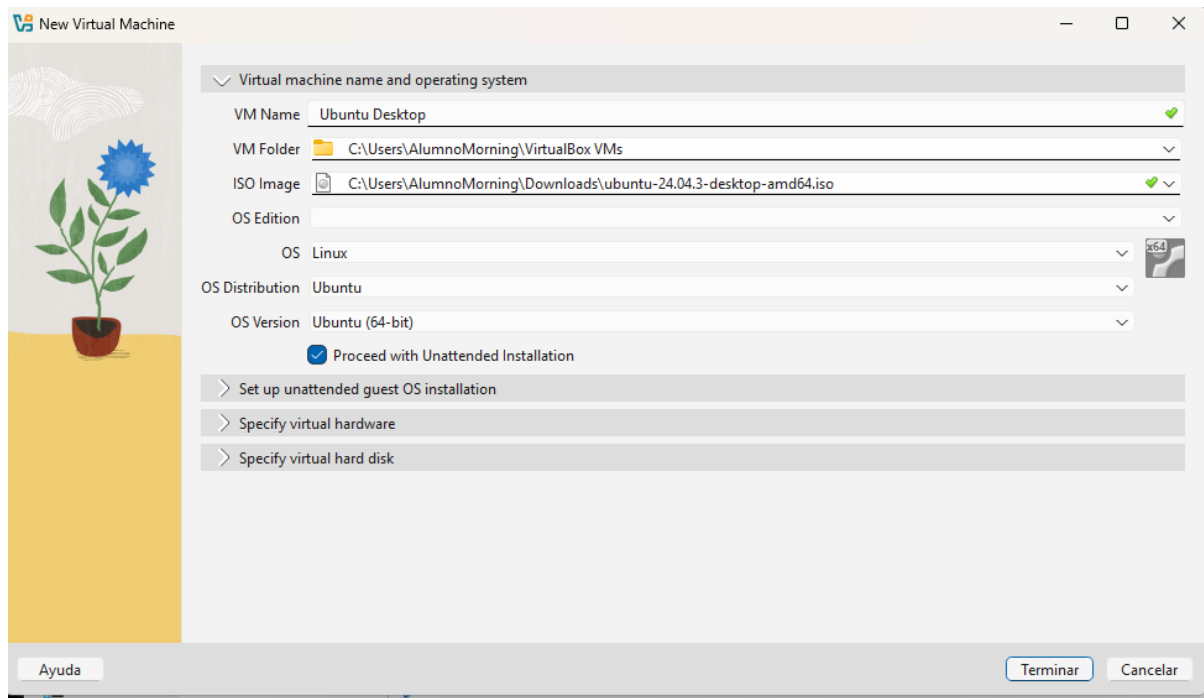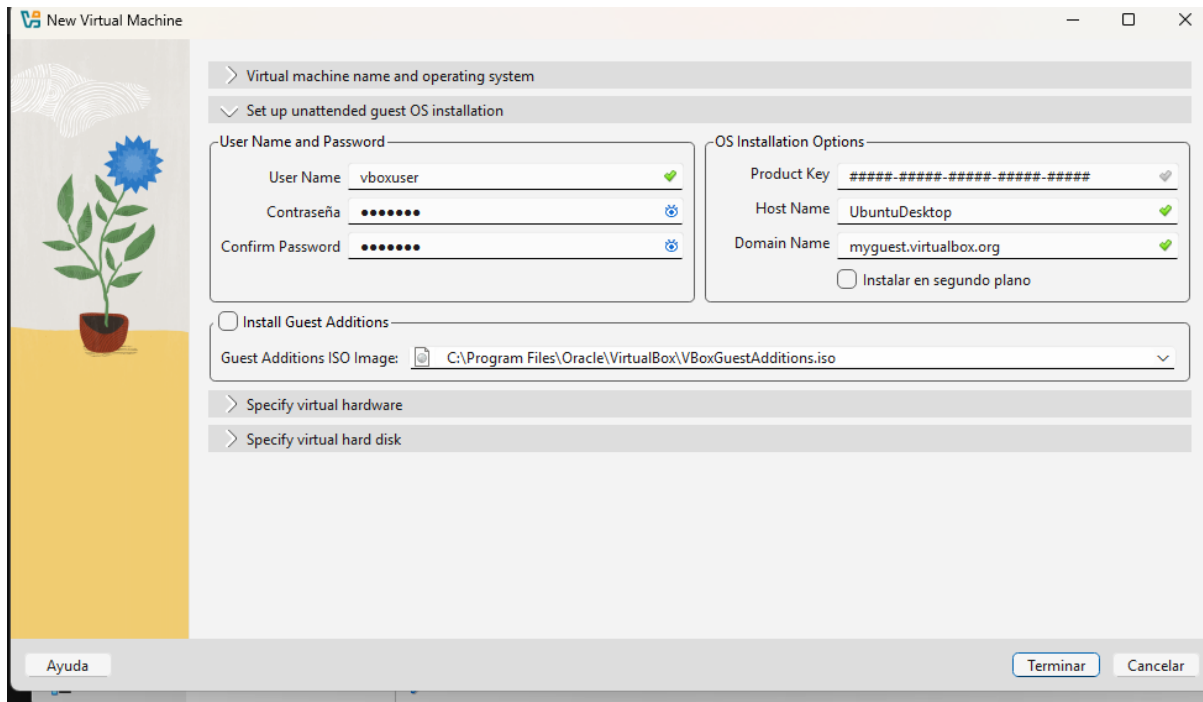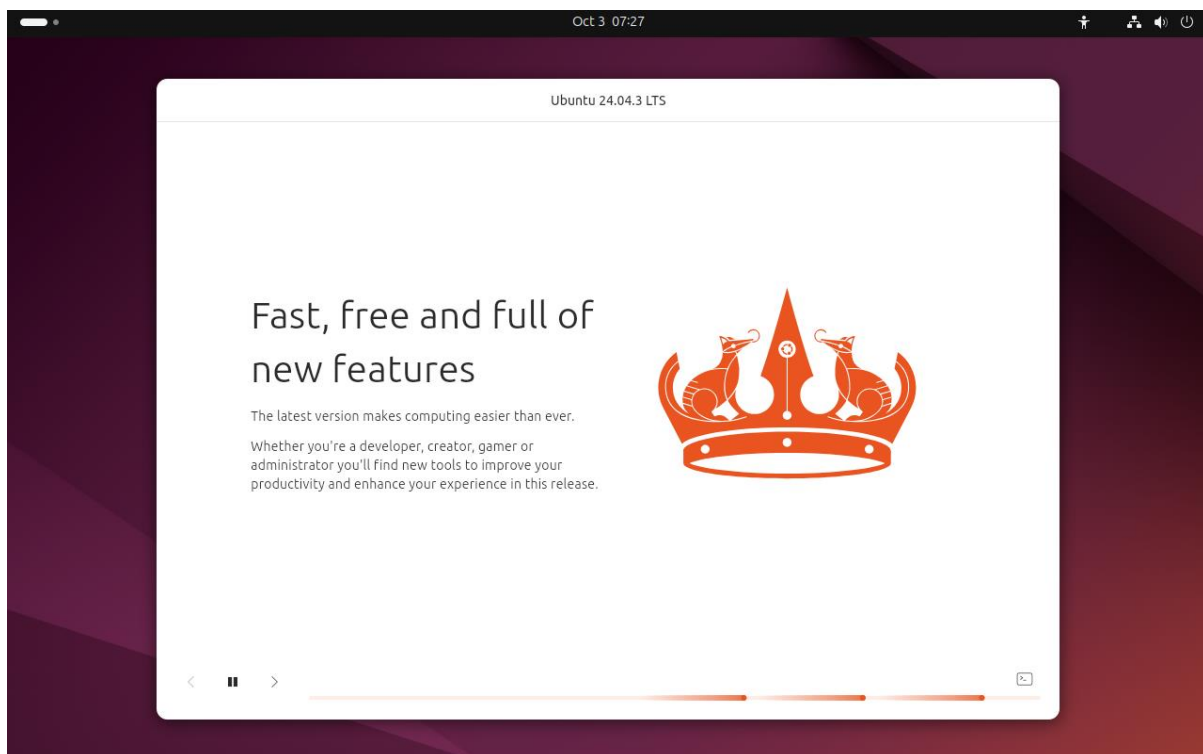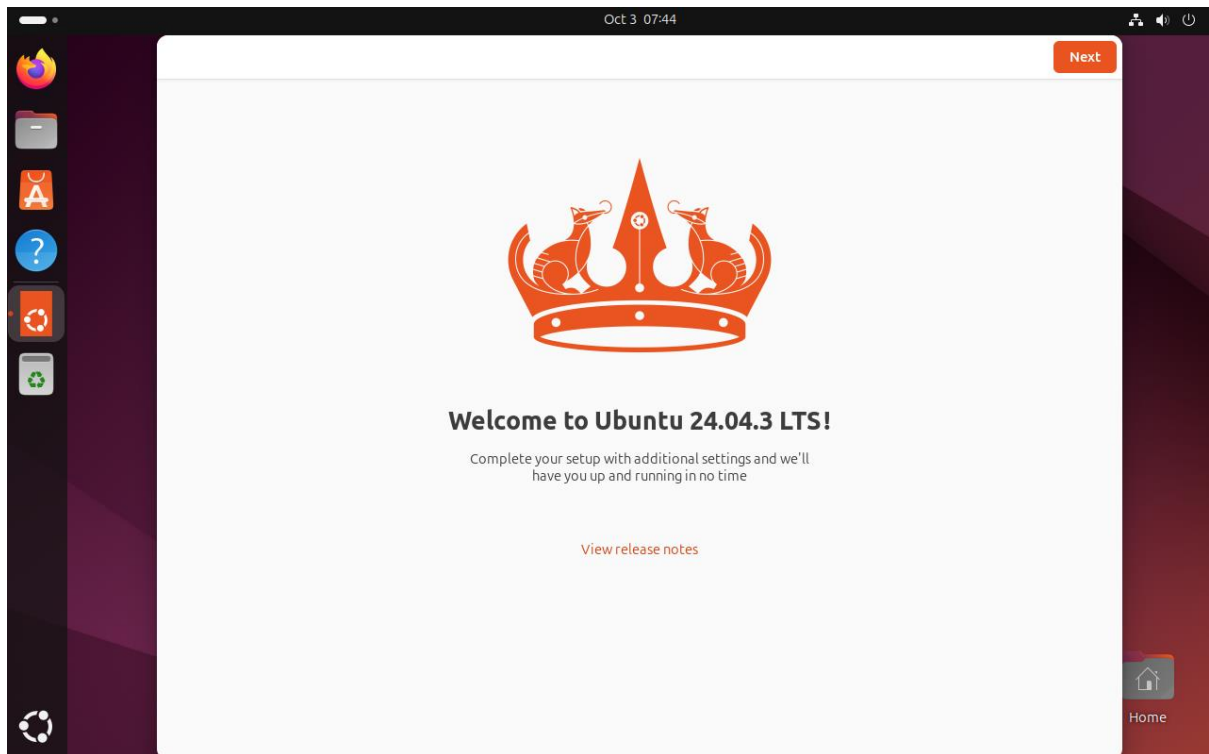Primero ponemos la iso de ubuntu desktop en la MV y además configuramos la memoria y las CPU, junto con la contraseña y usuario
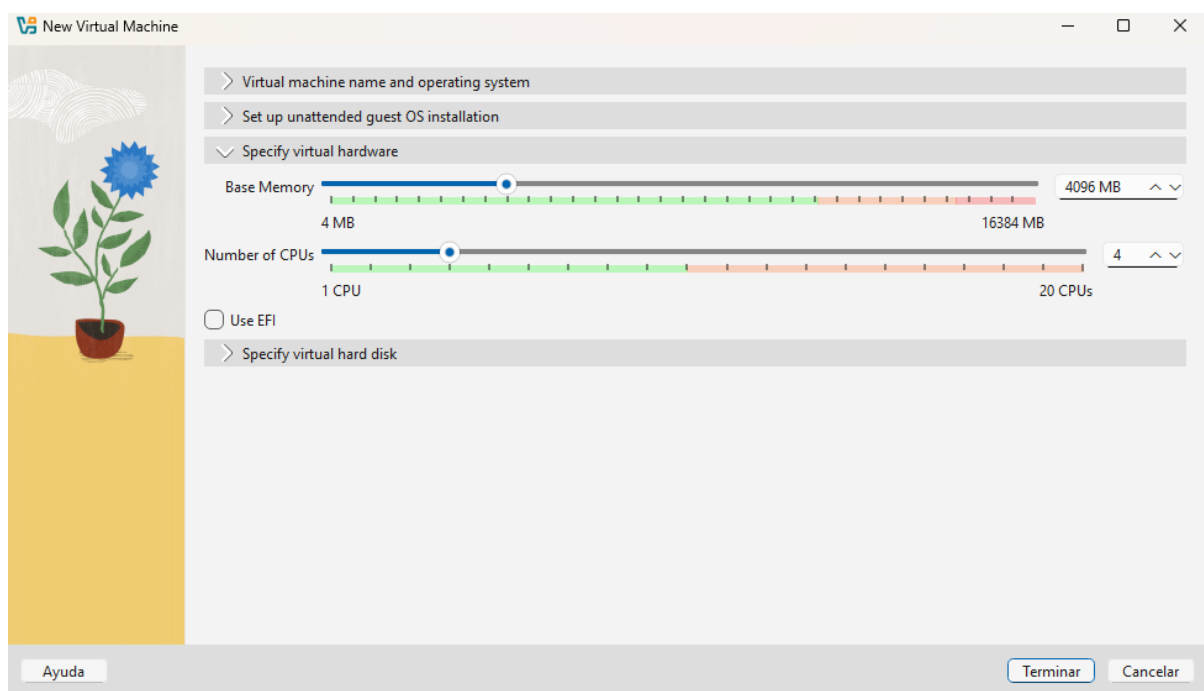
Esperamos a que se instale
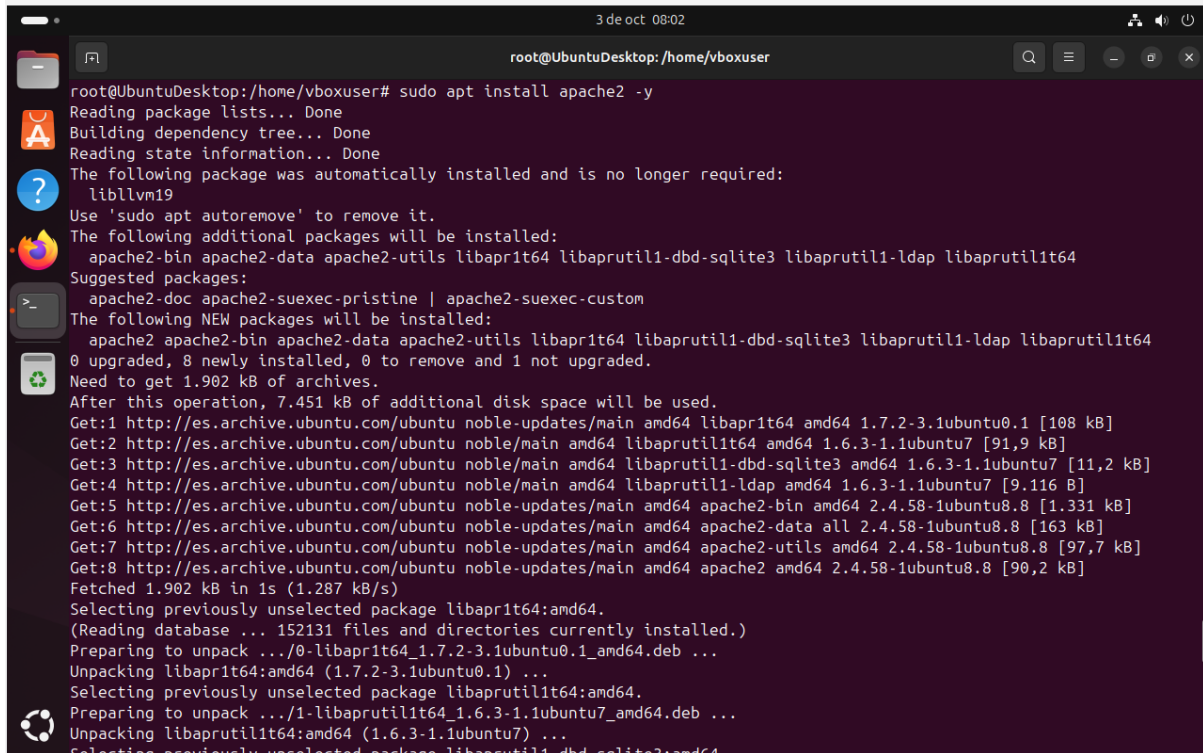
Primero debemos actualizar los paquetes del sistema

Ahora vamos a instalar el servidor web de apache

Ahora vamos a instalar PHP y su modulo para Apache

```
root@UbuntuDesktop:/home/vboxuser# sudo apt install php libapache2-mod-php -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libllvm19
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  libapache2-mod-php8.3 libsodium23 php-common php8.3 php8.3-cli php8.3-common php8.3-opcache php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 libsodium23 php php-common php8.3 php8.3-cli php8.3-common php8.3-opcache
  php8.3-readline
0 upgraded, 10 newly installed, 0 to remove and 1 not upgraded.
Need to get 5.084 kB of archives.
After this operation, 22,8 MB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble/main amd64 php-common all 2:93ubuntu2 [13,9 kB]
Get:2 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-common amd64 8.3.6-0ubuntu0.24.04.5 [740 kB]
Get:3 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-opcache amd64 8.3.6-0ubuntu0.24.04.5 [371 kB]
Get:4 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-readline amd64 8.3.6-0ubuntu0.24.04.5 [13,5 kB
]
Get:5 http://es.archive.ubuntu.com/ubuntu noble/main amd64 libsodium23 amd64 1.0.18-1build3 [161 kB]
Get:6 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-cli amd64 8.3.6-0ubuntu0.24.04.5 [1.915 kB]
Get:7 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 libapache2-mod-php8.3 amd64 8.3.6-0ubuntu0.24.04.5 [1
.851 kB]
Get:8 http://es.archive.ubuntu.com/ubuntu noble/main amd64 libapache2-mod-php all 2:8.3+93ubuntu2 [4.224 B]
Get:9 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3 all 8.3.6-0ubuntu0.24.04.5 [9.174 B]
Get:10 http://es.archive.ubuntu.com/ubuntu noble/main amd64 php all 2:8.3+93ubuntu2 [4.076 B]
Fetched 5.084 kB in 1s (3.709 kB/s)
Selecting previously unselected package php-common.
(Reading database ... 152837 files and directories currently installed.)
Preparing to unpack .../0-php-common_2%3a93ubuntu2_all.deb
```

Ahora iniciamos el servidor de apache para ver cómo reacciona


```
root@UbuntuDesktop:/home/vboxuser# sudo service apache2 start
root@UbuntuDesktop:/home/vboxuser#
```

Comprobamos que apache está funcionando

(Sale que esta activo y corriendo)


```
root@UbuntuDesktop:/home/vboxuser# sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
     Active: active (running) since Fri 2025-10-03 08:03:58 UTC; 2min 33s ago
       Docs: https://httpd.apache.org/docs/2.4/
    Process: 18409 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 18414 (apache2)
      Tasks: 6 (limit: 4603)
     Memory: 10.7M (peak: 11.3M)
        CPU: 67ms
     CGroup: /system.slice/apache2.service
             ├─18414 /usr/sbin/apache2 -k start
             ├─18417 /usr/sbin/apache2 -k start
             ├─18418 /usr/sbin/apache2 -k start
             ├─18419 /usr/sbin/apache2 -k start
             ├─18420 /usr/sbin/apache2 -k start
             └─18421 /usr/sbin/apache2 -k start

oct 03 08:03:58 UbuntuDesktop systemd[1]: Starting apache2.service - The Apache HTTP Server...
oct 03 08:03:58 UbuntuDesktop apachectl[18413]: AH00558: apache2: Could not reliably determine the server's fully quali>
oct 03 08:03:58 UbuntuDesktop systemd[1]: Started apache2.service - The Apache HTTP Server.
lines 1-20/20 (END)
```

Creamos un archivo que muestre información del PHP

```
root@UbuntuDesktop:/home/vboxuser# echo "<?php phpinfo(); ?>" | sudo tee /var/www/html/info.php
<?php phpinfo(); ?>
root@UbuntuDesktop:/home/vboxuser#
```
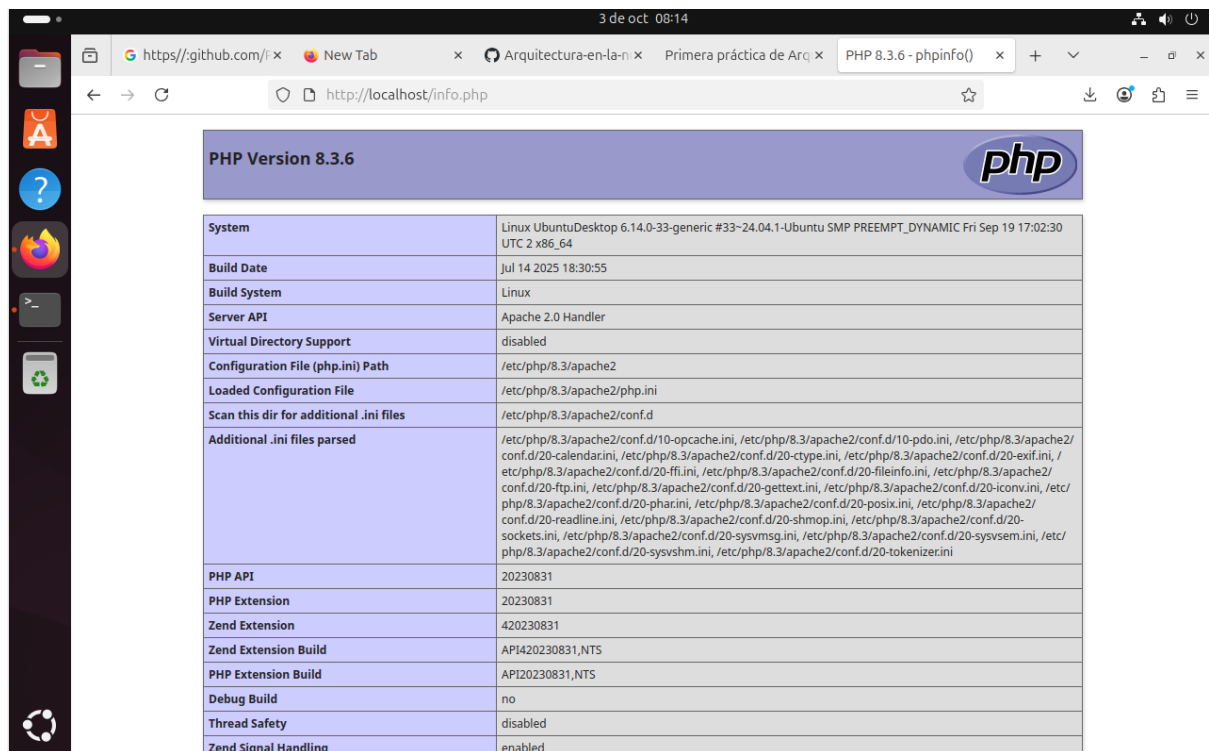
Probamos el PHP desde el terminal

Primero tenemos que instalar el curl

```
root@UbuntuDesktop:/home/vboxuser# apt install curl
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libllvm19
Use 'sudo apt autoremove' to remove it.
The following NEW packages will be installed:
  curl
0 upgraded, 1 newly installed, 0 to remove and 1 not upgraded.
Need to get 226 kB of archives.
After this operation, 534 kB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 curl amd64 8.5.0-2ubuntu10.6 [226 kB]
Fetched 226 kB in 1s (342 kB/s)
Selecting previously unselected package curl.
(Reading database ... 152977 files and directories currently installed.)
Preparing to unpack .../curl_8.5.0-2ubuntu10.6_amd64.deb ...
Unpacking curl (8.5.0-2ubuntu10.6) ...
Setting up curl (8.5.0-2ubuntu10.6) ...
Processing triggers for man-db (2.12.0-4build2) ...
root@UbuntuDesktop:/home/vboxuser# curl http://localhost/info.php
```

Me permite ver el php

```
root@UbuntuDesktop:/home/vboxuser# curl http://localhost/info.php
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"><head>
<style type="text/css">
body {background-color: #fff; color: #222; font-family: sans-serif;}
pre {margin: 0; font-family: monospace;}
a:link {color: #009; text-decoration: none; background-color: #fff;}
a:hover {text-decoration: underline;}
table {border-collapse: collapse; border: 0; width: 934px; box-shadow: 1px 2px 3px rgba(0, 0, 0, 0.2);}
.center {text-align: center;}
.center table {margin: 1em auto; text-align: left;}
.center th {text-align: center !important;}
td, th {border: 1px solid #666; font-size: 75%; vertical-align: baseline; padding: 4px 5px;}
th {position: sticky; top: 0; background: inherit;}
h1 {font-size: 150%;}
h2 {font-size: 125%;}
h2 a:link, h2 a:visited{color: inherit; background: inherit;}
.p {text-align: left;}
.e {background-color: #ccf; width: 300px; font-weight: bold;}
.h {background-color: #99c; font-weight: bold;}
.v {background-color: #ddd; max-width: 300px; overflow-x: auto; word-wrap: break-word;}
.v i {color: #999;}
img {float: right; border: 0;}
hr {width: 934px; background-color: #ccc; border: 0; height: 1px;}
:root {--php-dark-grey: #333; --php-dark-blue: #4F5B93; --php-medium-blue: #8892BF; --php-light-blue: #E2E4EF; --php-acc
ent-purple: #793862}@media (prefers-color-scheme: dark) {
  body {background: var(--php-dark-grey); color: var(--php-light-blue)}
  .h td, td.e, th {border-color: #606A90}
  td {border-color: #505153}
Show Apps   ground-color: #404A77}
            background-color: var(--php-dark-blue)}
```

Instalamos ahora el servidor web Nginx

Comprobamos que Nginx está funcionando

(me daba error, pero tenía que parar apache y volver a levantar nginx para que funcionara)

Ahora hay que crear una página web simple

Probamos la página html desde la terminal
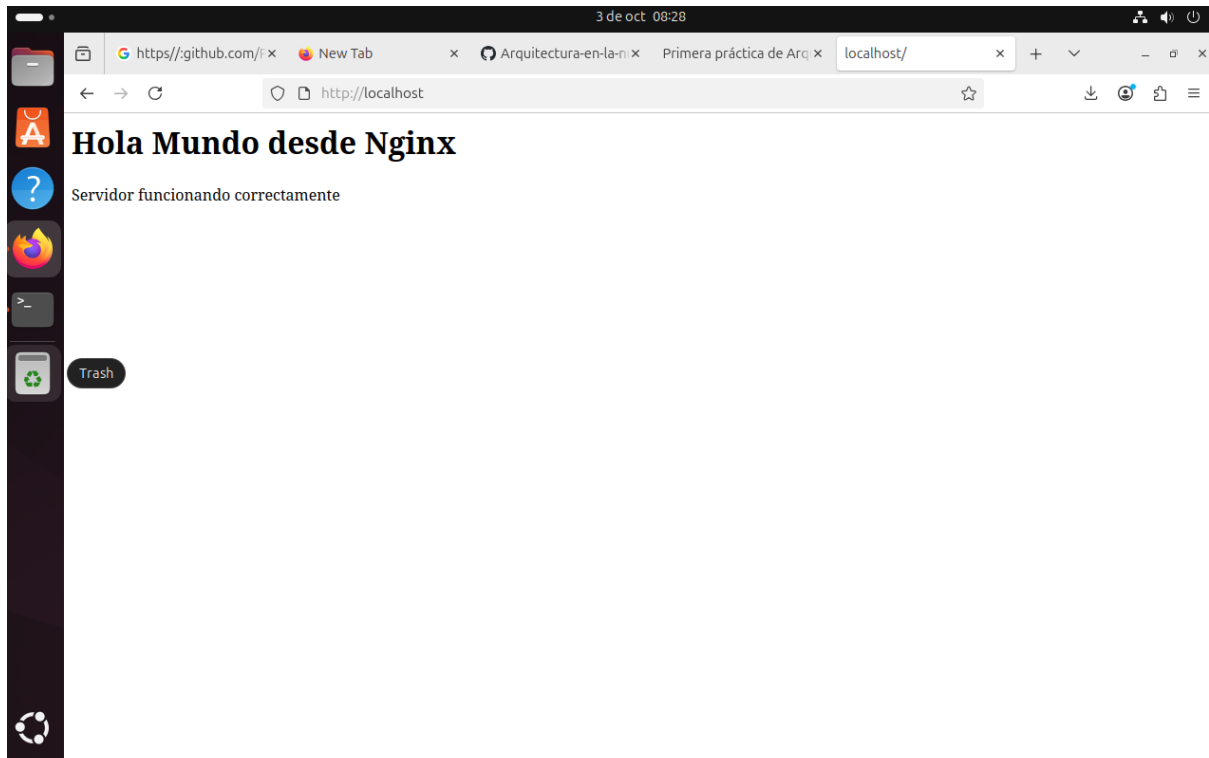
Mostrar la IP para acceso desde Windows.

```
root@UbuntuDesktop:/home/vboxuser# ip -brief addr show
lo               UNKNOWN        127.0.0.1/8 ::1/128
enp0s3           UP             10.0.2.15/24 fd17:625c:f037:2:b004:bf08:5603:77f6/64 fd17:625c:f037:2:a00:27ff:fe06:45ee
/64 fe80::a00:27ff:fe06:45ee/64
root@UbuntuDesktop:/home/vboxuser#
```