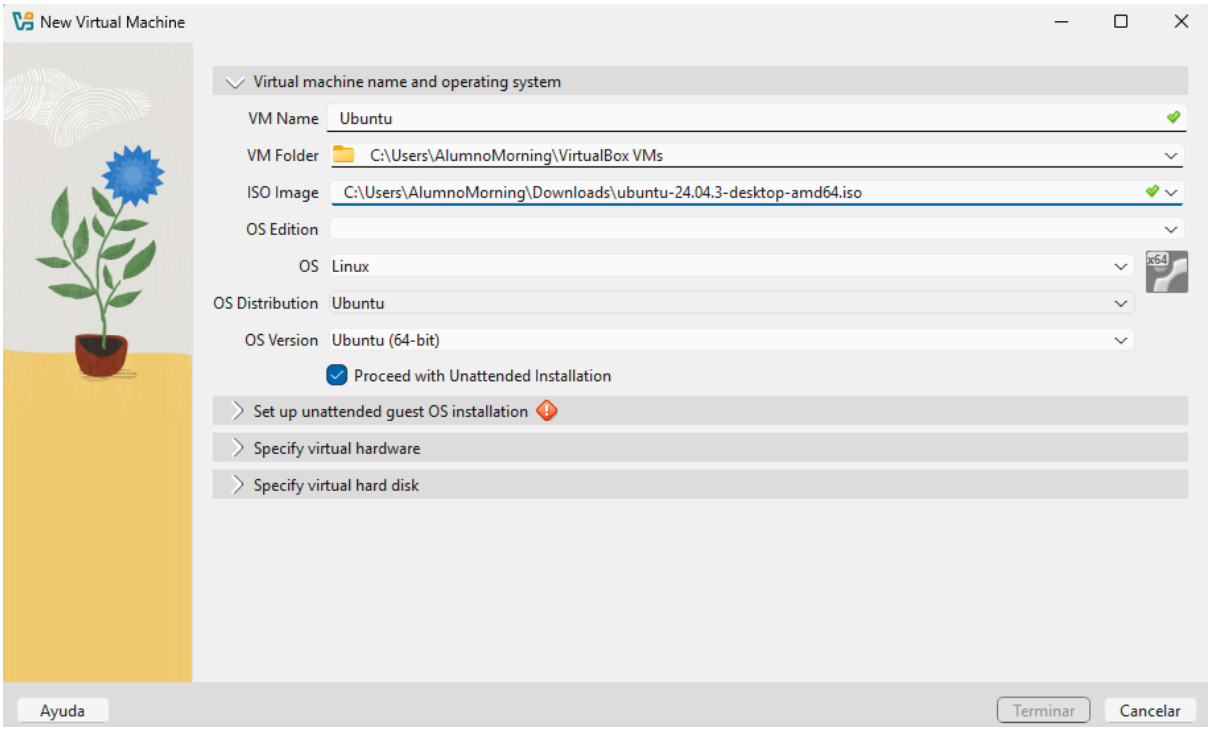
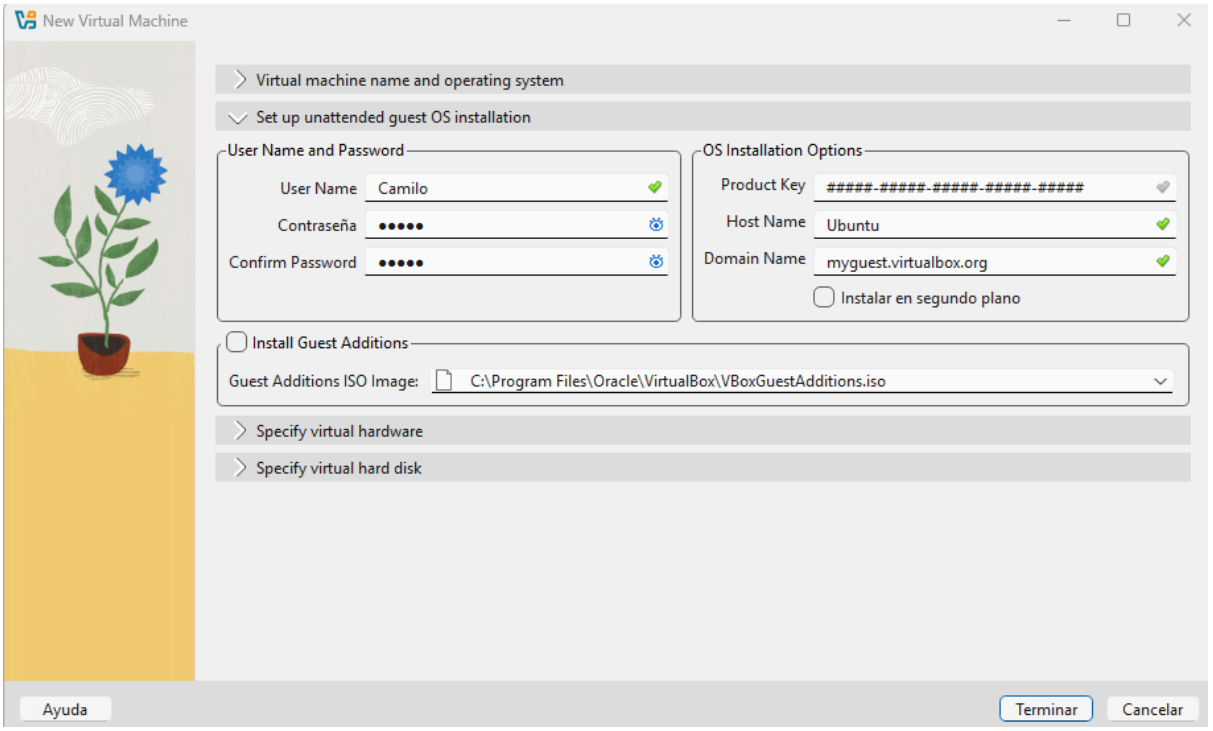
UBUNTU

1.Creamos una nueva MV



Seleccionamos la ISO de ubuntu y le ponemos nombre a la MV

2.

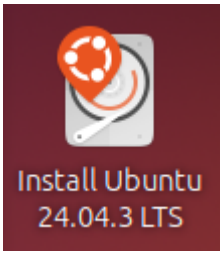


Escogemos algún nombre de usuario para la máquina y le ponemos contraseña

3.

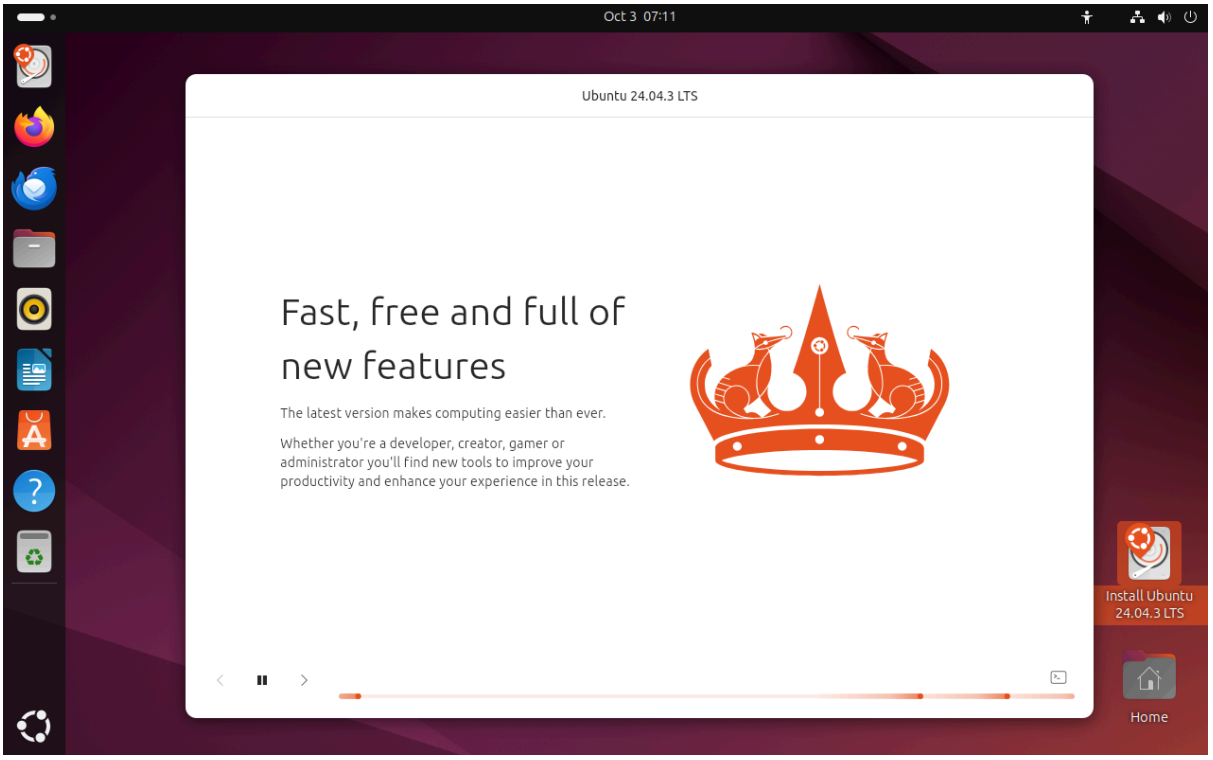
Por último le damos los recursos necesarios y empezamos instalarla pulsando en el botón terminar

4. Instalacion Ubuntu



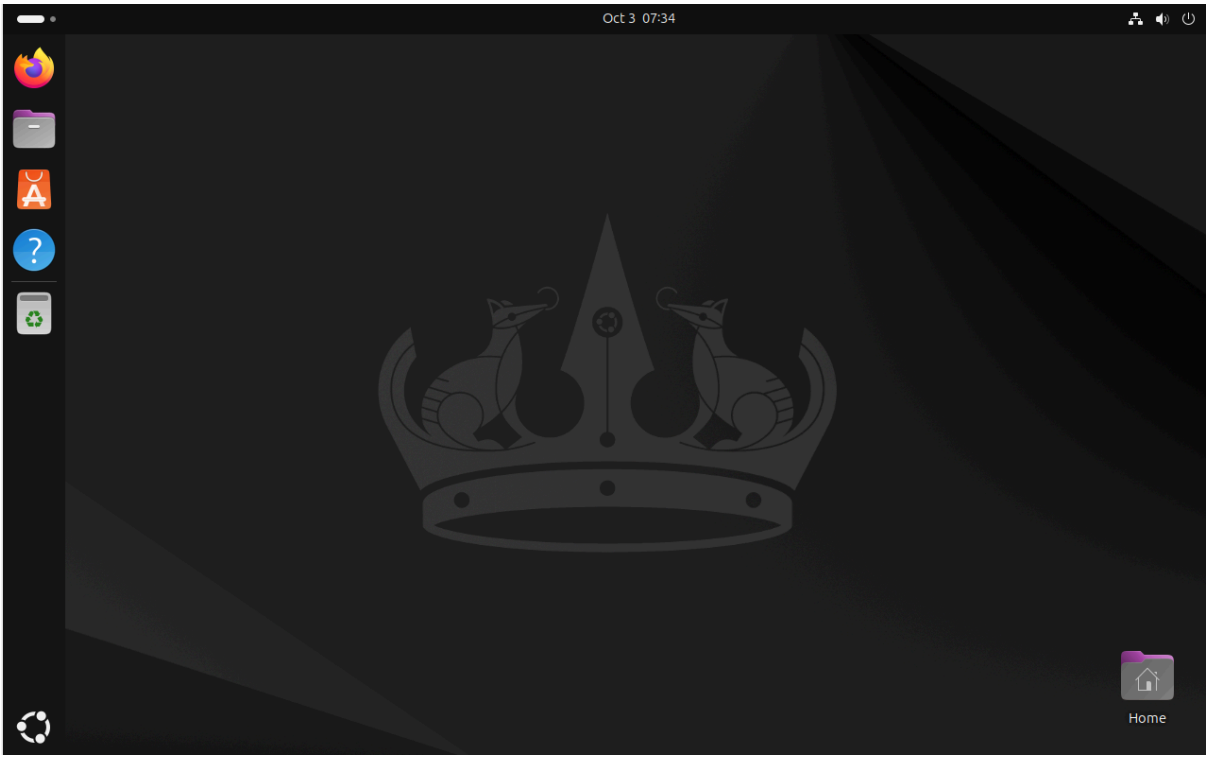
Una vez creada la máquina pulsamos en este icono para continuar con la instalación

5.



Una vez empezamos la instalación nos mostrará esta imagen en pantalla

6.



Después de únicamente esperar nos dejará en el escritorio listo para utilizar la maquina

COMANDOS

1. Actualizar los paquetes del sistema

```
root@UbuntuServer:/home/vboxuser# apt update && apt upgrade -y
Hit:1 http://es.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://es.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:4 http://es.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:5 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1,484 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1,201 kB]
Get:7 http://es.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [286 kB]
Get:8 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:9 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.3 kB]
Get:10 http://es.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [2,053 kB]
```

2. Instalamos el servidor web Apache

```
root@UbuntuServer:/home/vboxuser# apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libllvm19 linux-headers-6.14.0-29-generic linux-hwe-6.14-headers-6.14.0-29
  linux-hwe-6.14-tools-6.14.0-29 linux-image-6.14.0-29-generic
  linux-modules-6.14.0-29-generic linux-modules-extra-6.14.0-29-generic
  linux-tools-6.14.0-29-generic
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libaprutil1t64
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libaprutil1t64
```

3. Instalamos PHP

```
root@UbuntuServer:/home/vboxuser# apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libllvm19 linux-headers-6.14.0-29-generic linux-hwe-6.14-headers-6.14.0-29
  linux-hwe-6.14-tools-6.14.0-29 linux-image-6.14.0-29-generic
  linux-modules-6.14.0-29-generic linux-modules-extra-6.14.0-29-generic
  linux-tools-6.14.0-29-generic
```

4-5.Iniciamos Apache y verificamos el estado de este mismo

```
root@UbuntuServer:/home/vboxuser# service apache2 start
root@UbuntuServer:/home/vboxuser# 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 07:43:42 UTC; 8min ago
       Docs: https://httpd.apache.org/docs/2.4/
    Process: 19200 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 19204 (apache2)
      Tasks: 6 (limit: 4603)
     Memory: 10.6M (peak: 11.4M)
        CPU: 88ms
     CGroup: /system.slice/apache2.service
             ├─19204 /usr/sbin/apache2 -k start
             ├─19208 /usr/sbin/apache2 -k start
             ├─19209 /usr/sbin/apache2 -k start
             ├─19210 /usr/sbin/apache2 -k start
             ├─19211 /usr/sbin/apache2 -k start
             └─19212 /usr/sbin/apache2 -k start

Oct 03 07:43:42 UbuntuServer systemd[1]: Starting apache2.service - The Apache HTTP Se>
Oct 03 07:43:42 UbuntuServer apachectl[19203]: AH00558: apache2: Could not reliably de>
Oct 03 07:43:42 UbuntuServer systemd[1]: Started apache2.service - The Apache HTTP Ser>
lines 1-20/20 (END)
```

6. Creamos un archivo que muestre información de PHP

```
root@UbuntuServer:/home/vboxuser# echo "<?php phpinfo(); ?>" | tee /var/www/html/info.p
hp
<?php phpinfo(); ?>
```

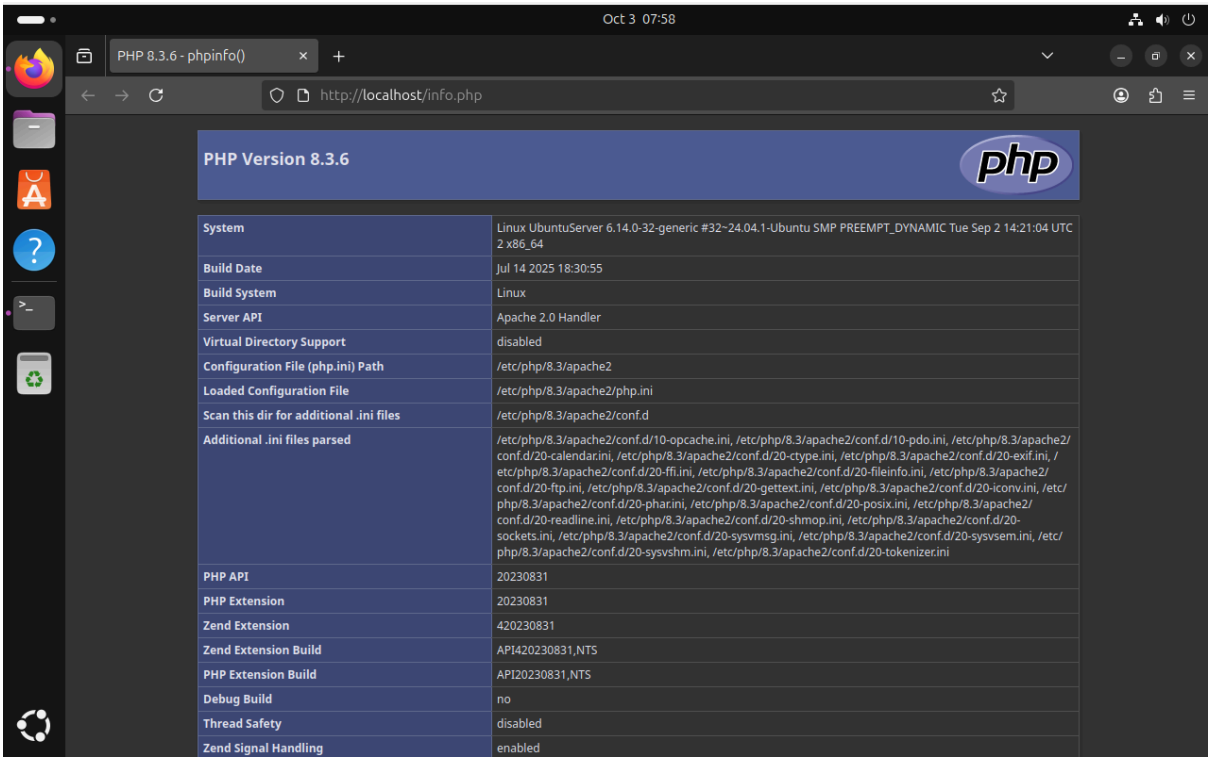
7. Probamos el archivo PHP desde el terminal

```
root@UbuntuServer:/home/vboxuser# curl http://localhost/info.php

Caution: You are using the Snap version of curl.
Due to Snap's sandbox nature, this version has some limitations.
For example, it may not be able to access hidden folders in your home directory
or other restricted areas of the os.
This means you may encounter errors when using snap curl to download files.
For those case, you might want to use the native curl package.
For details, see: https://github.com/boukendesho/curl-snap/issues/1

To stop seeing this message, run the following command:
curl.snap-acked
```

8. Corroboramos que este todo correcto dirigiéndonos al enlace



COMANDO NGINX + HTML

1. Instalamos el servidor web NGINX

```
root@UbuntuServer:/home/vboxuser# apt install nginx -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libllvm19 linux-headers-6.14.0-29-generic linux-hwe-6.14-headers-6.14.0-29
  linux-hwe-6.14-tools-6.14.0-29 linux-image-6.14.0-29-generic
  linux-modules-6.14.0-29-generic linux-modules-extra-6.14.0-29-generic
  linux-tools-6.14.0-29-generic
```

2-3. Iniciamos y verificamos el estado de NGINX

```
root@UbuntuServer:/home/vboxuser# service nginx start
root@UbuntuServer:/home/vboxuser# systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
     Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
     Active: active (running) since Fri 2025-10-03 08:03:02 UTC; 28s ago
       Docs: man:nginx(8)
    Process: 21251 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on;>
    Process: 21252 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=ex>
   Main PID: 21254 (nginx)
      Tasks: 5 (limit: 4603)
     Memory: 3.7M (peak: 4.3M)
        CPU: 14ms
     CGroup: /system.slice/nginx.service
             ├─21254 "nginx: master process /usr/sbin/nginx -g daemon on; master_proce>
             ├─21255 "nginx: worker process"
             ├─21256 "nginx: worker process"
             ├─21257 "nginx: worker process"
             └─21258 "nginx: worker process"

Oct 03 08:03:02 UbuntuServer systemd[1]: Starting nginx.service - A high performance w>
Oct 03 08:03:02 UbuntuServer systemd[1]: Started nginx.service - A high performance we>
lines 1-19/19 (END)
```

4. Creamos un HTML

```
root@UbuntuServer:/home/vboxuser# echo "<h1>Hola Mundo desde Nginx</h1><p>Servidor func
ionando correctamente</p>" | tee /var/www/html/index.html
<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>
```

5. Verificamos en navegador

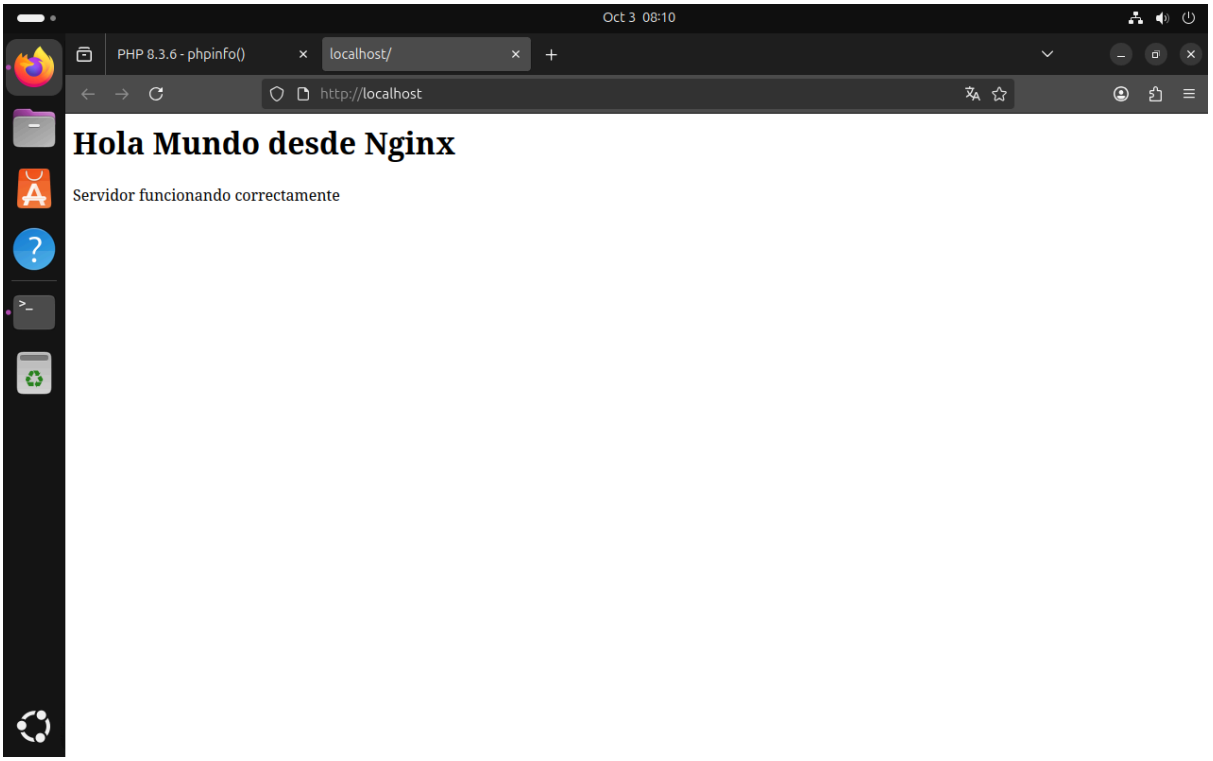
```
root@UbuntuServer:/home/vboxuser# curl http://localhost

Caution: You are using the Snap version of curl.
Due to Snap's sandbox nature, this version has some limitations.
For example, it may not be able to access hidden folders in your home directory
or other restricted areas of the os.
This means you may encounter errors when using snap curl to download files.
For those case, you might want to use the native curl package.
For details, see: https://github.com/boukendesho/curl-snap/issues/1

To stop seeing this message, run the following command:
curl.snap-acked

<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>
```

6. Corroboramos que este todo correcto dirigiéndonos al enlace



7. Ver IP de WSL

```
root@UbuntuServer:/home/vboxuser# ip addr show enp0s3 | grep inet
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
    inet6 fd17:625c:f037:2:25df:4815:bc7d:9349/64 scope global temporary dynamic
    inet6 fd17:625c:f037:2:a00:27ff:fe09:66b9/64 scope global dynamic mngtmpaddr
    inet6 fe80::a00:27ff:fe09:66b9/64 scope link
```