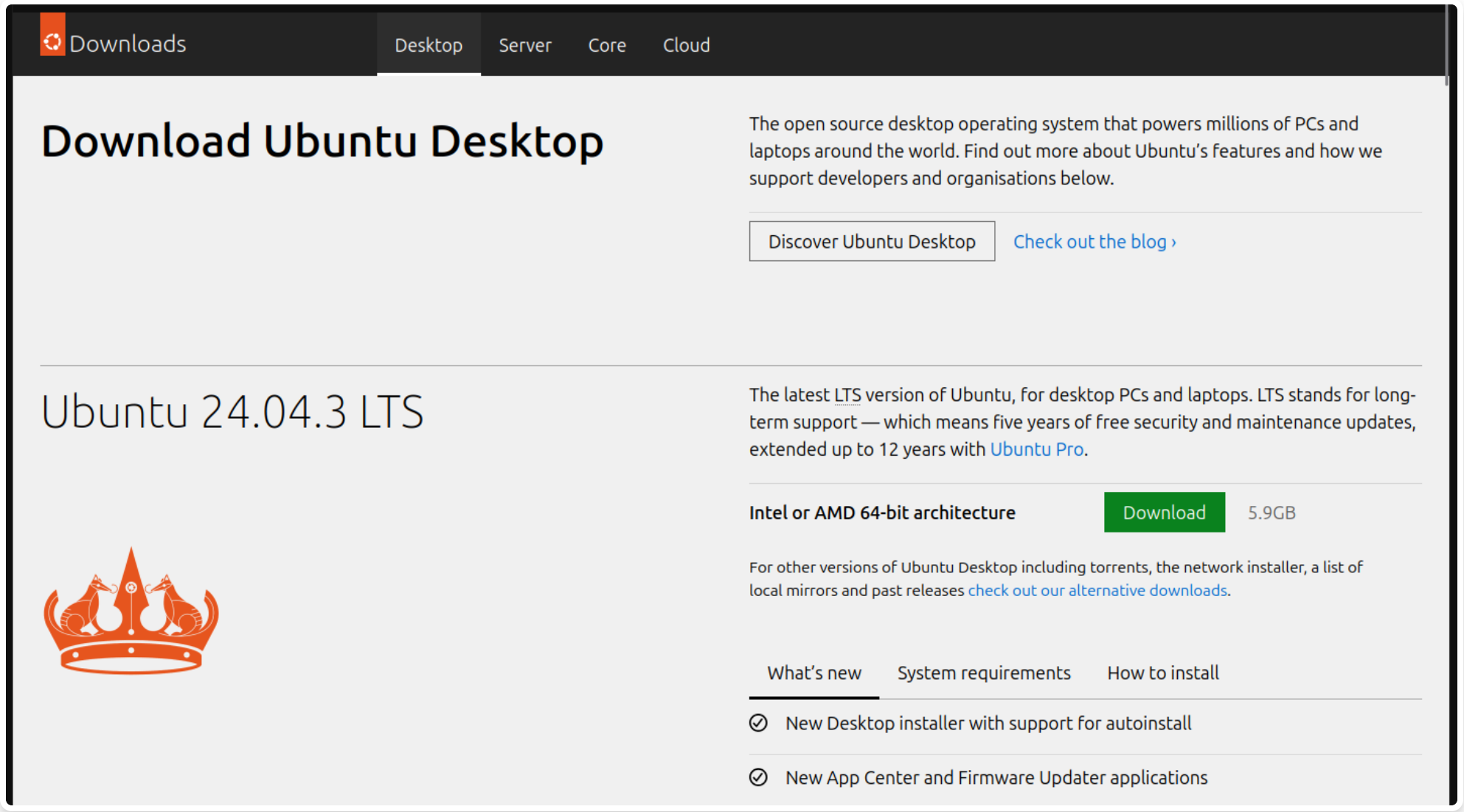# Ahmad Ali Ahmad Othman - Section 1

Task 1 - Installing Linux on a virtual machine

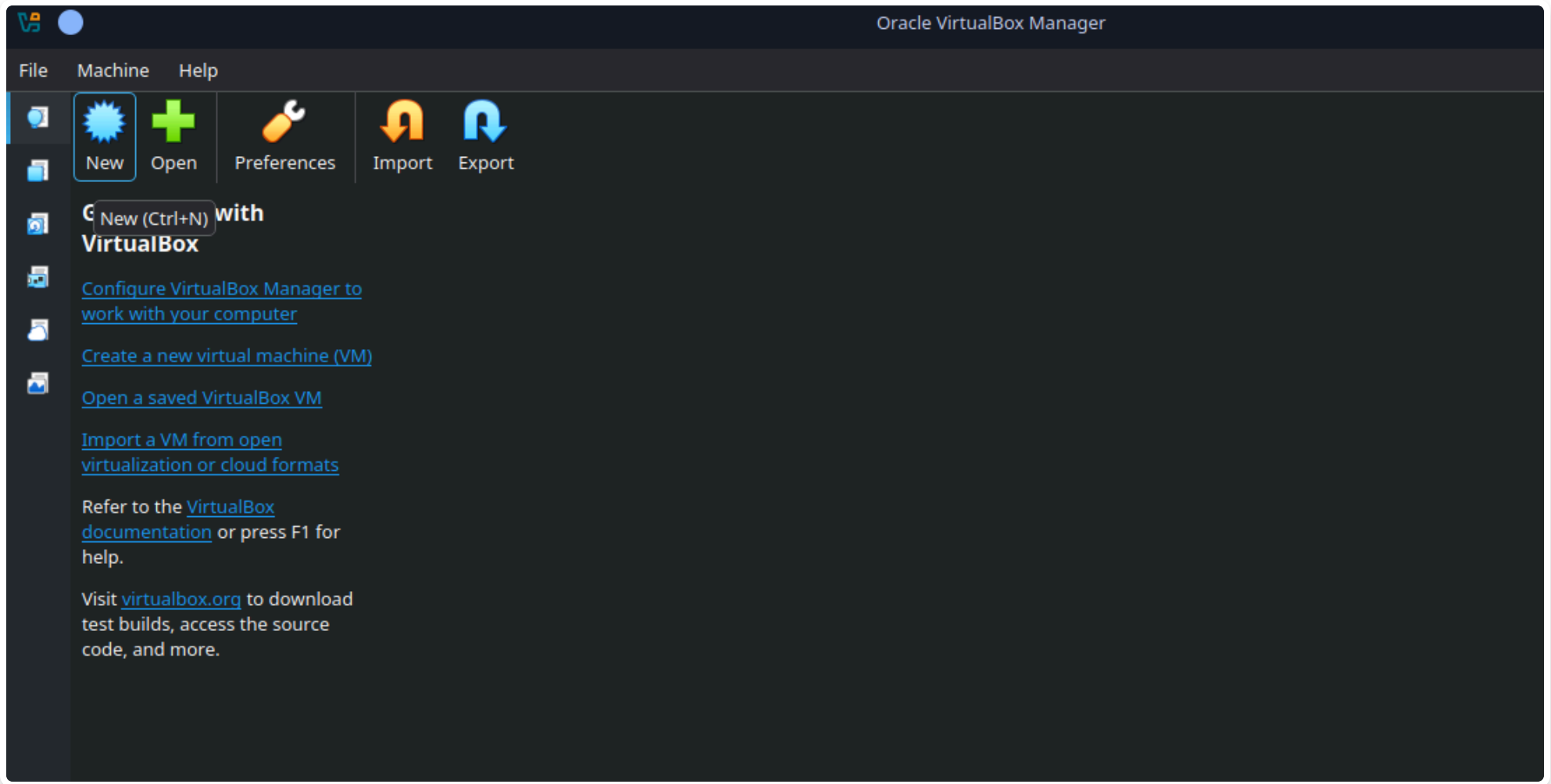## Step 1: Choose a distribution and download its the installation iso

For this task I will choose Ubuntu 24.04, I already downloaded the iso from the official website.
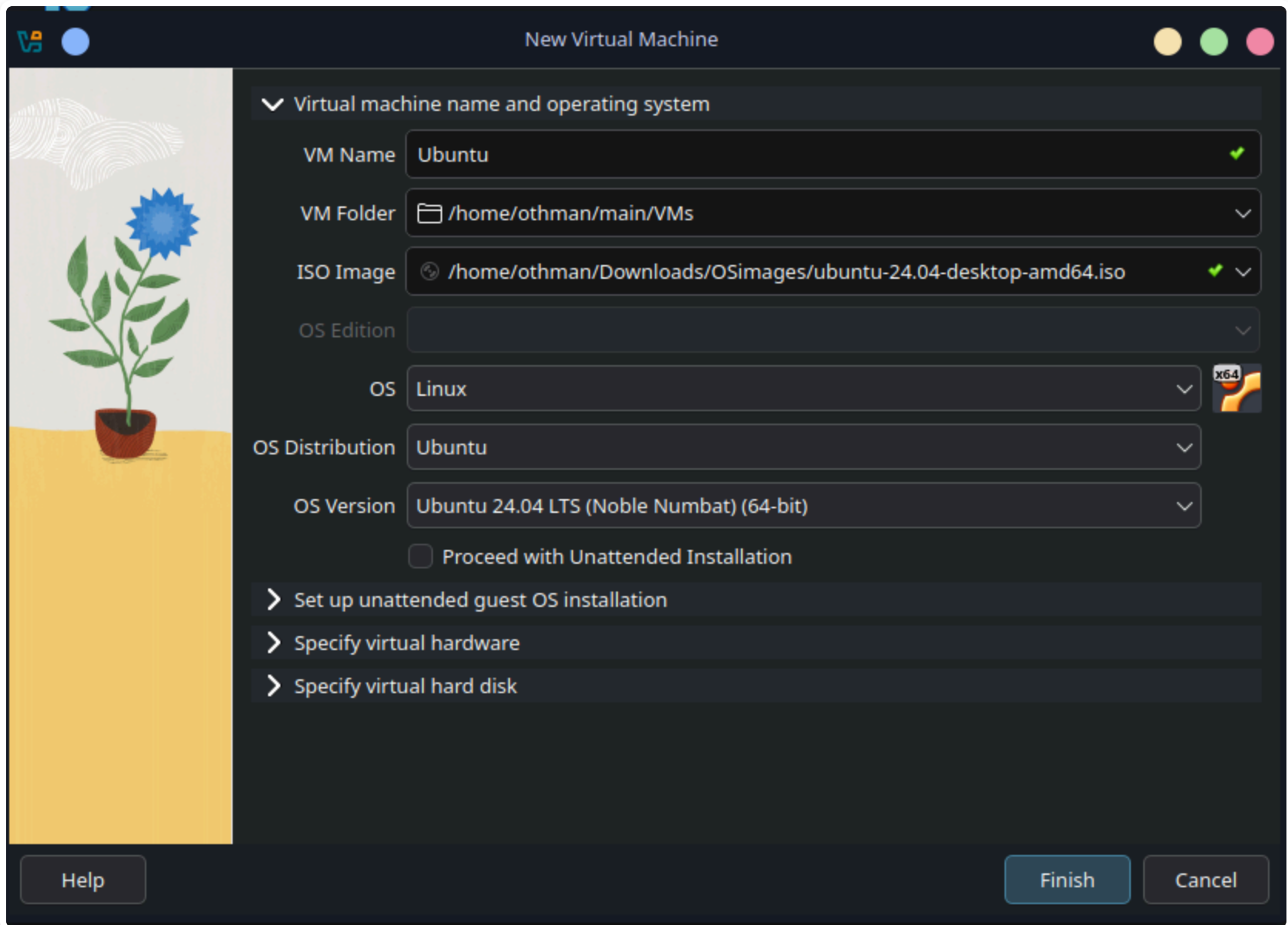

Step 2: Create a virtual machine with Ubuntu

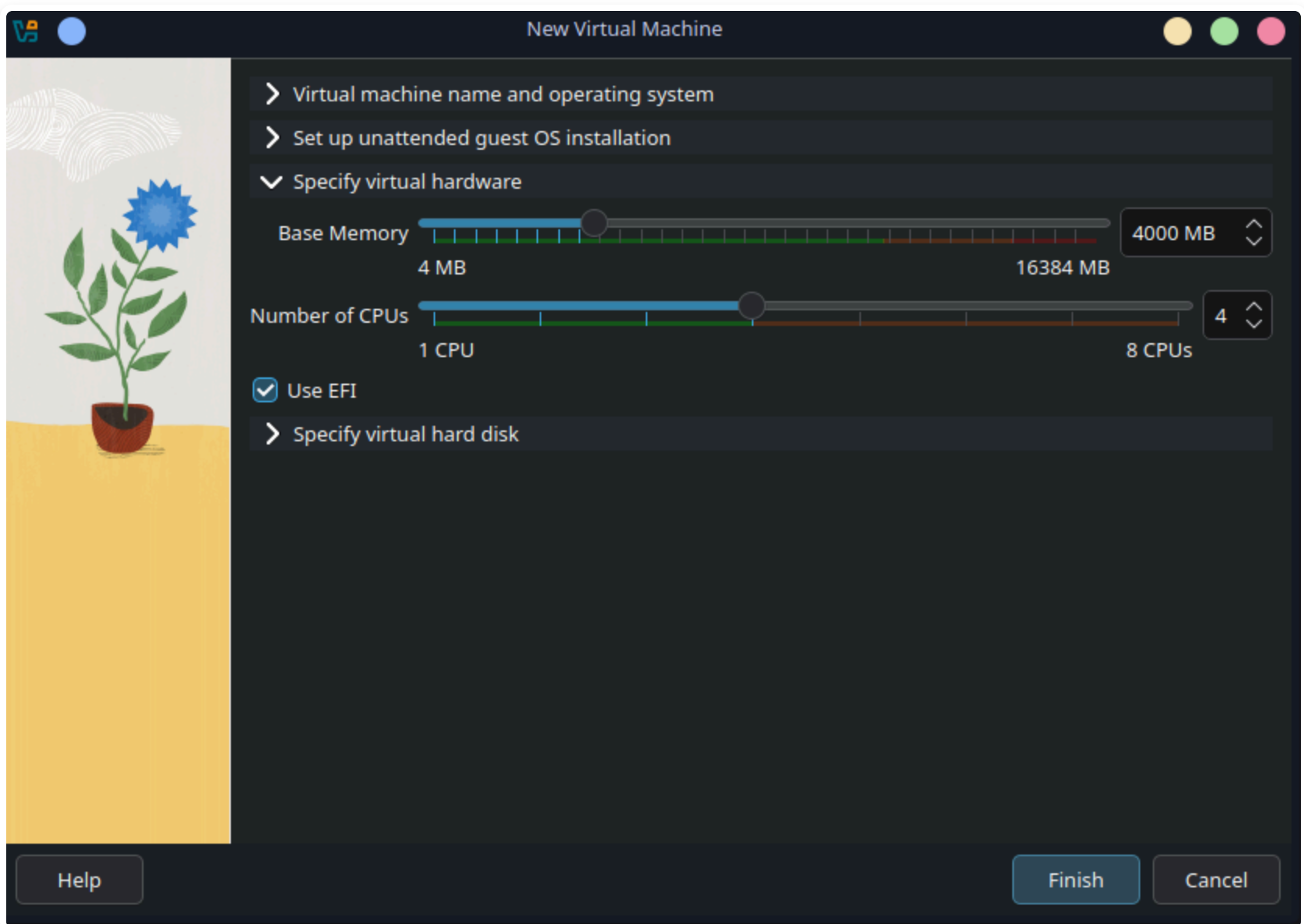I will go with Oracle's VirtualBox for simplicity.
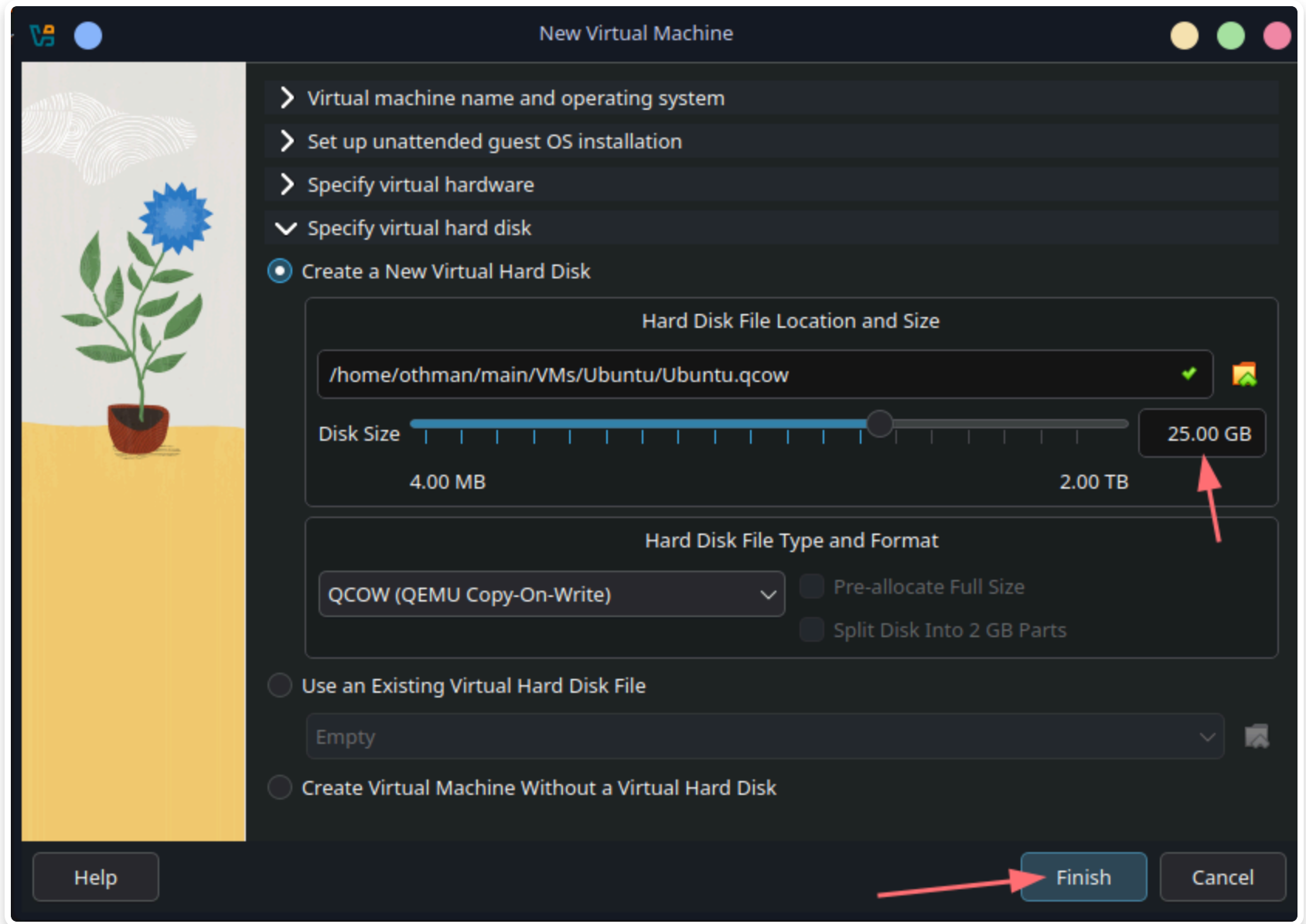
Creating a new virtual machine

Choose the ISO image file

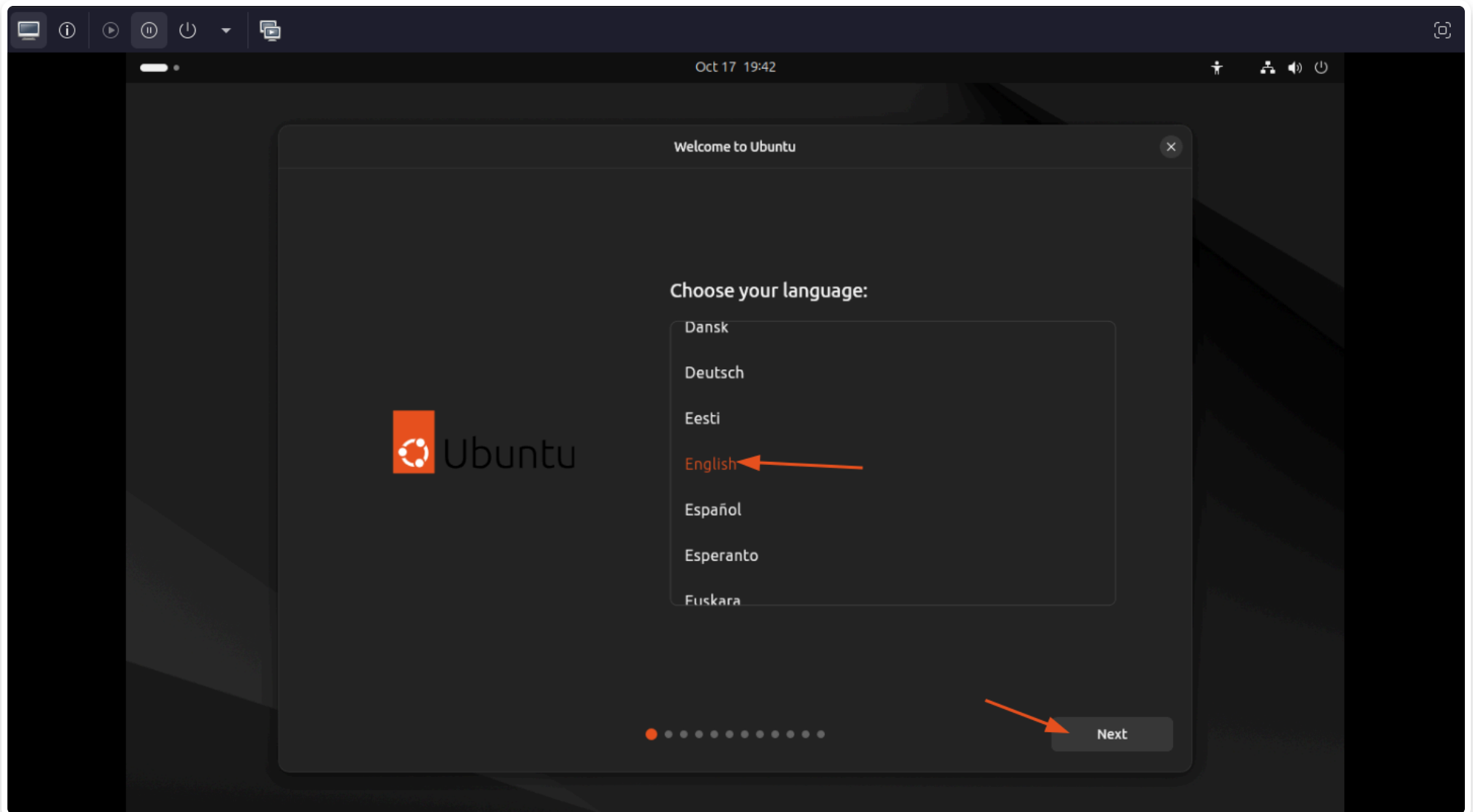## Configure RAM and CPU cores

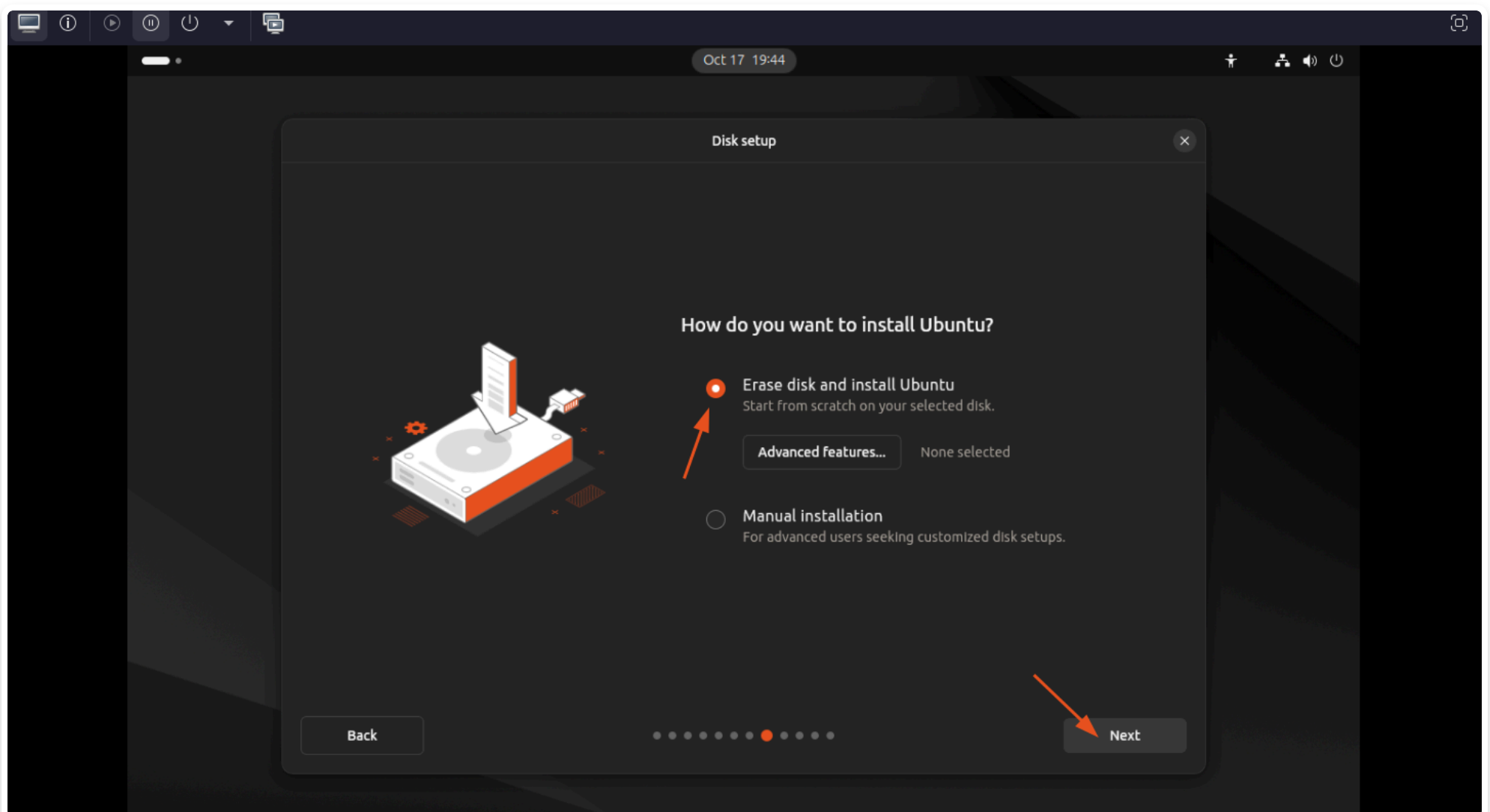## Configure storage and virtual hard drives

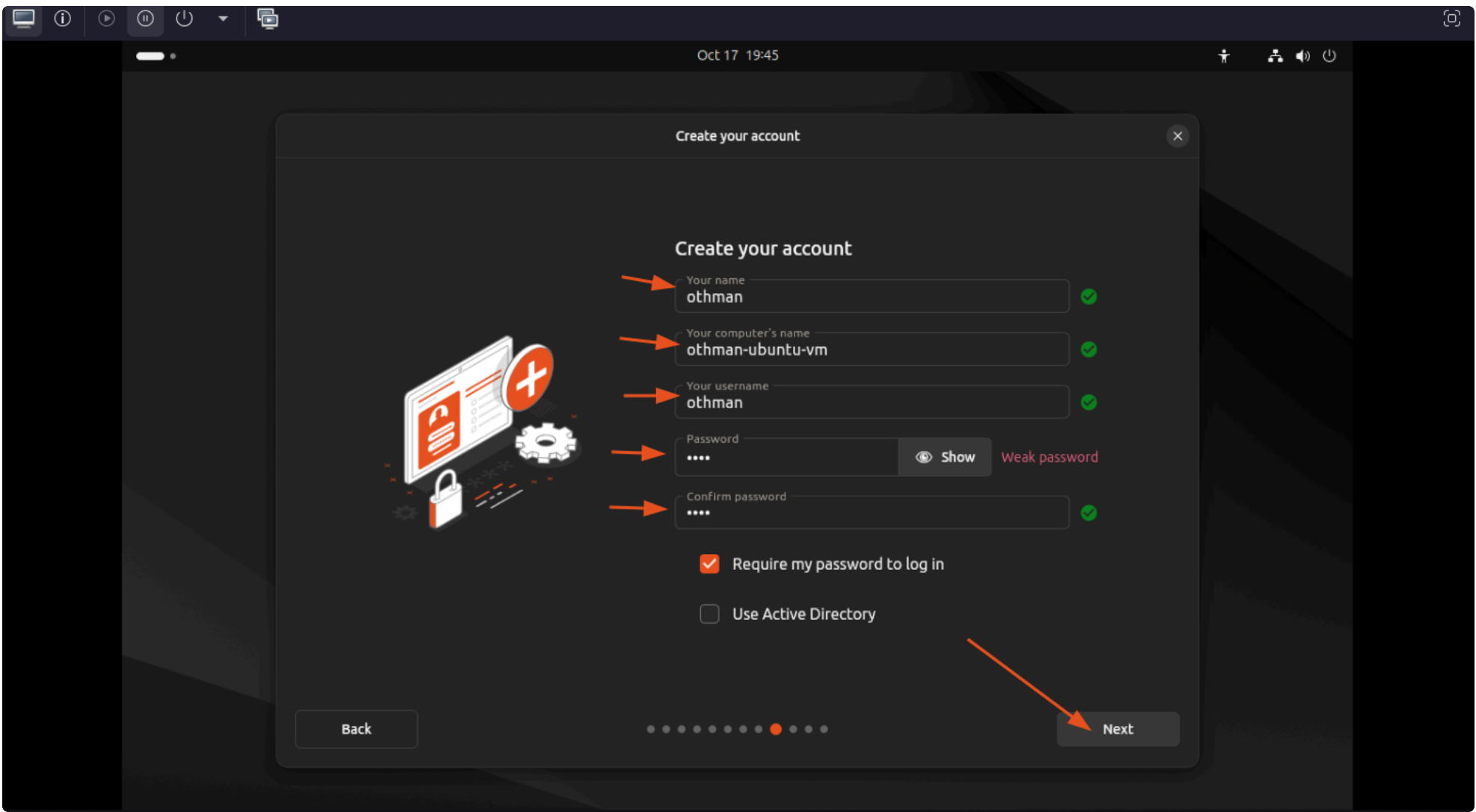## Start the virtual machine and boot into Ubuntu
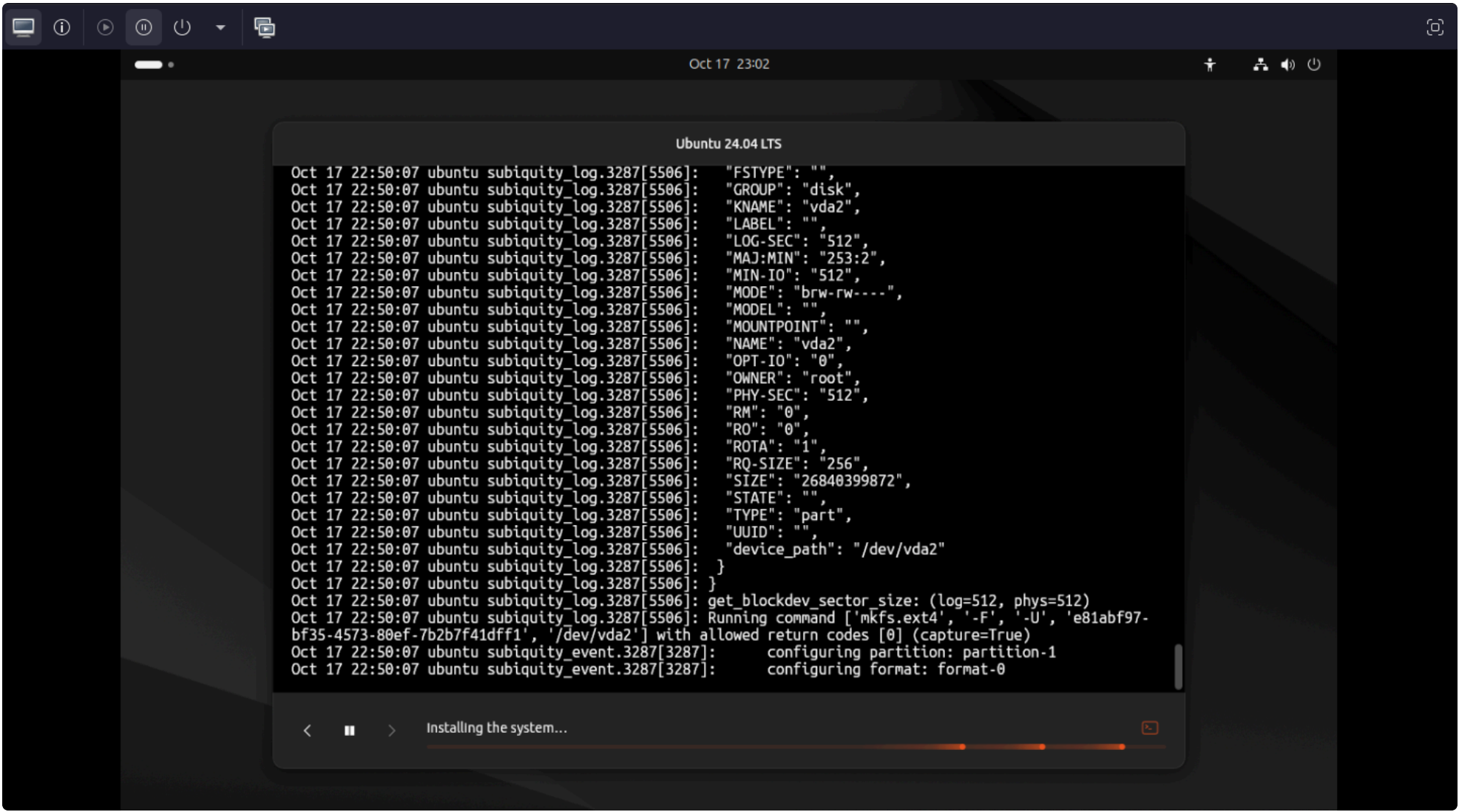

Choose system language

Choose whether to erase the whole disk or partation manually

Configure your username, hostname, and password

Wait the installer to finish

Step 3: Reboot the system and open Ubuntu

Now we have Ubuntu up and running.

```
ubuntu@ubuntu:~$ neofetch
          .-/+oosssoo+/-.               ubuntu@ubuntu
      `:+ssssssssssssssssss+:`          -------------
    -+ssssssssssssssssssyyssss+-        OS: Ubuntu 24.04 LTS x86_64
  .ossssssssssssssssssdMMMNysssso.      Host: KVM/QEMU (Standard PC (Q35 + I
 /ssssssssssshdmmNNmmyNMMMMhssssss/     Kernel: 6.8.0-31-generic
+ssssssssshmydMMMMMMMNddddyssssssss+    Uptime: 37 mins
/sssssssshNMMMyhhyyyyhmNMMMNhssssssss/  Packages: 1844 (dpkg), 12 (snap)
.ssssssssdMMMNhsssssssssshNMMMdssssssss. Shell: bash 5.2.21
+sssshhhyNMMNyssssssssssssyNMMMysssssss+ Resolution: 1280x800
ossyNMMMNyMMhsssssssssssssshmmmhssssssso DE: GNOME 46.0
ossyNMMMNyMMhsssssssssssssshmmmhssssssso WM: Mutter
+sssshhhyNMMNyssssssssssssyNMMMysssssss+ WM Theme: Adwaita
.ssssssssdMMMNhsssssssssshNMMMdssssssss. Theme: Yaru-dark [GTK2/3]
 /sssssssshNMMMyhhyyyyhdNMMMNhssssssss/  Icons: Yaru-dark [GTK2/3]
  +sssssssssdmydMMMMMMMMddddyssssssss+   Terminal: gnome-terminal
   /ssssssssssshdmNNNNmyNMMMMhssssss/    CPU: Intel i3-10105F (4) @ 3.695GHz
    .ossssssssssssssssssdMMMNysssso.     GPU: 00:01.0 Red Hat, Inc. Virtio 1.
      -+sssssssssssssssssyyyssss+-       Memory: 2185MiB / 3915MiB
        `:+ssssssssssssssssss+:`
            .-/+oosssoo+/-.


ubuntu@ubuntu:~$
```