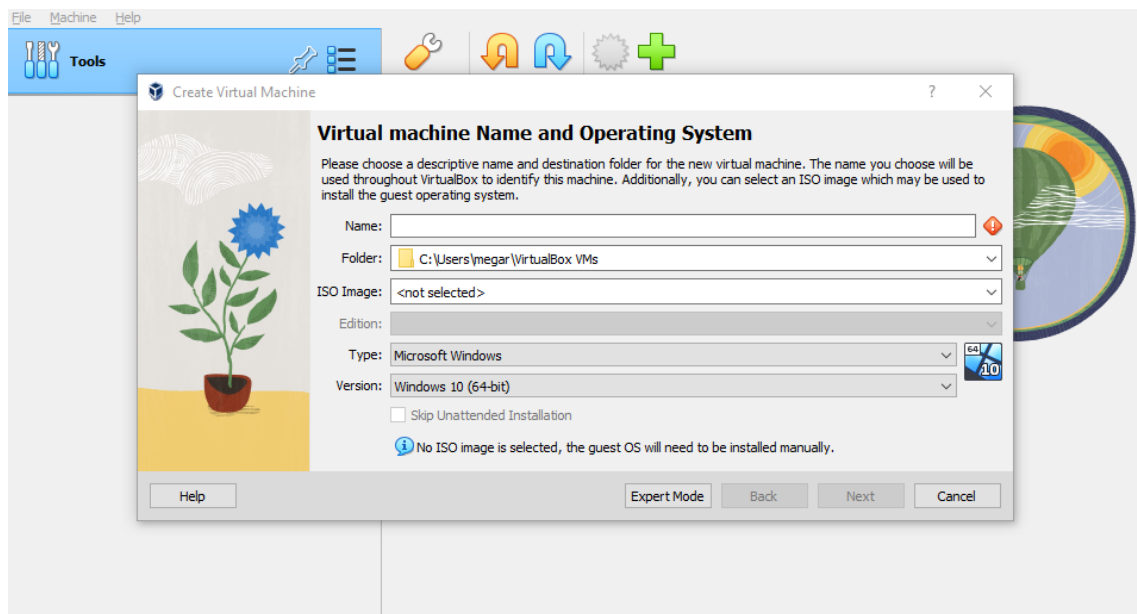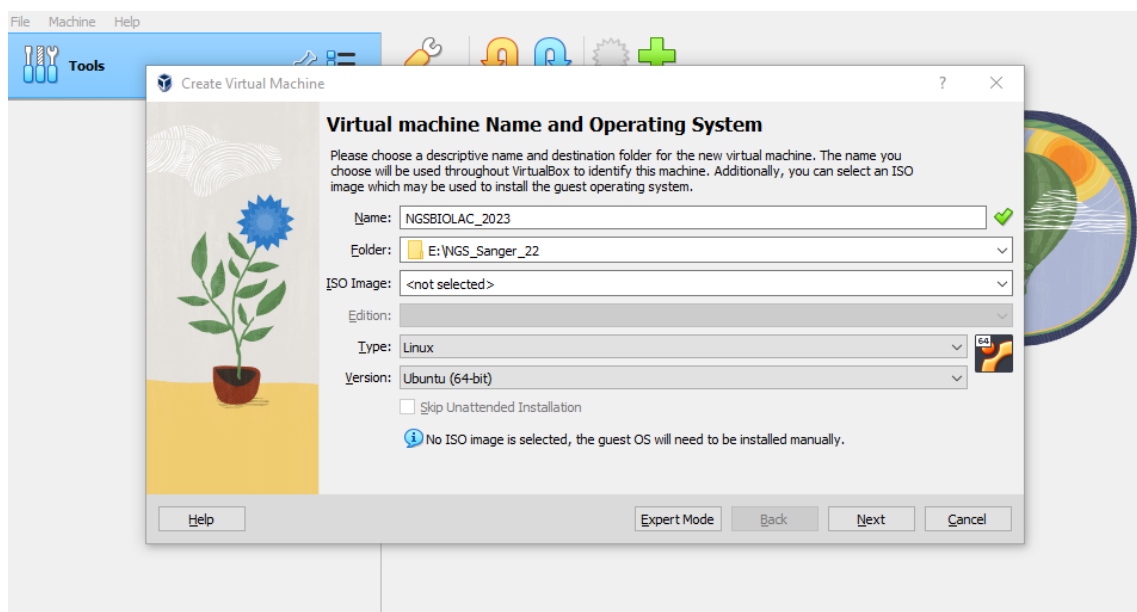Virtual machine at home

What is a virtual machine?

A virtual machine (VM) is a software computer that, like a physical computer, runs an operating system and a set of software applications. It allows you to run one operating system (e.g. Linux) within another operating system (e.g. Windows).

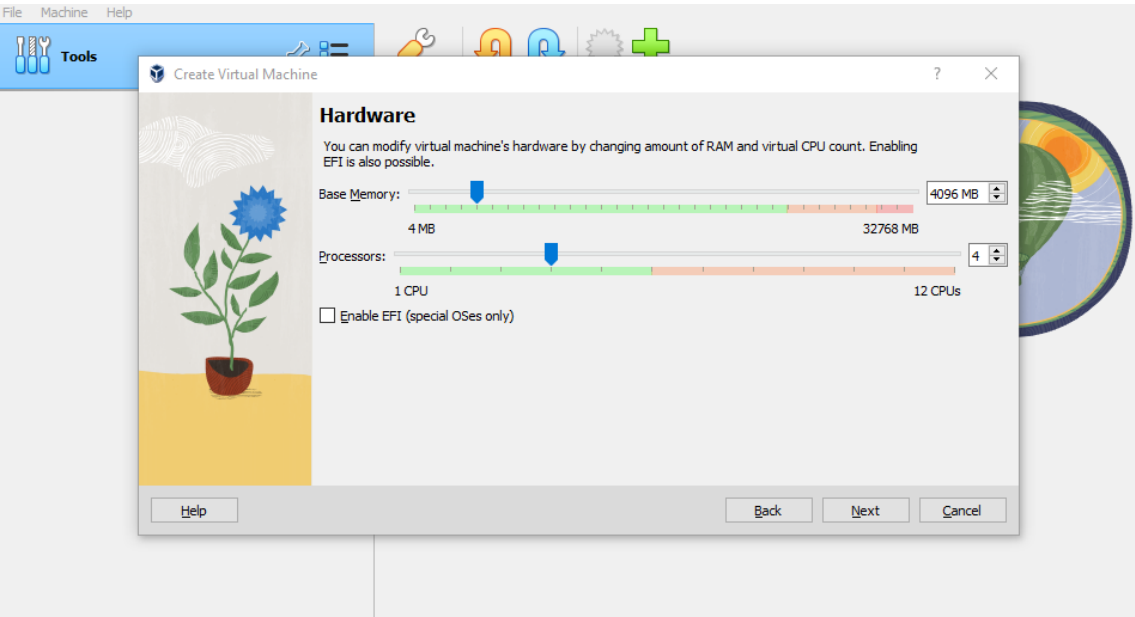Adding the virtual machine to VirtualBox

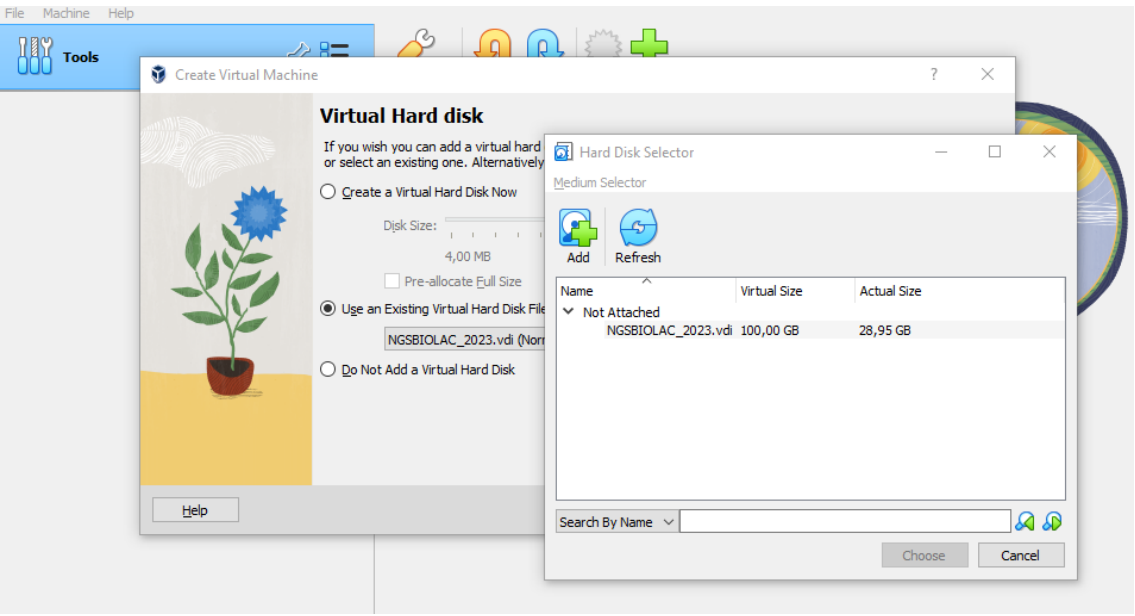Open VirtualBox on your machine and select 'New'

Enter a name for your VM, 'NGSBIOLAC_2023'. Select 'Linux as the' type of operating system that will run on your VM. Select the version as 'Ubuntu (64-bit)' and click Continue.
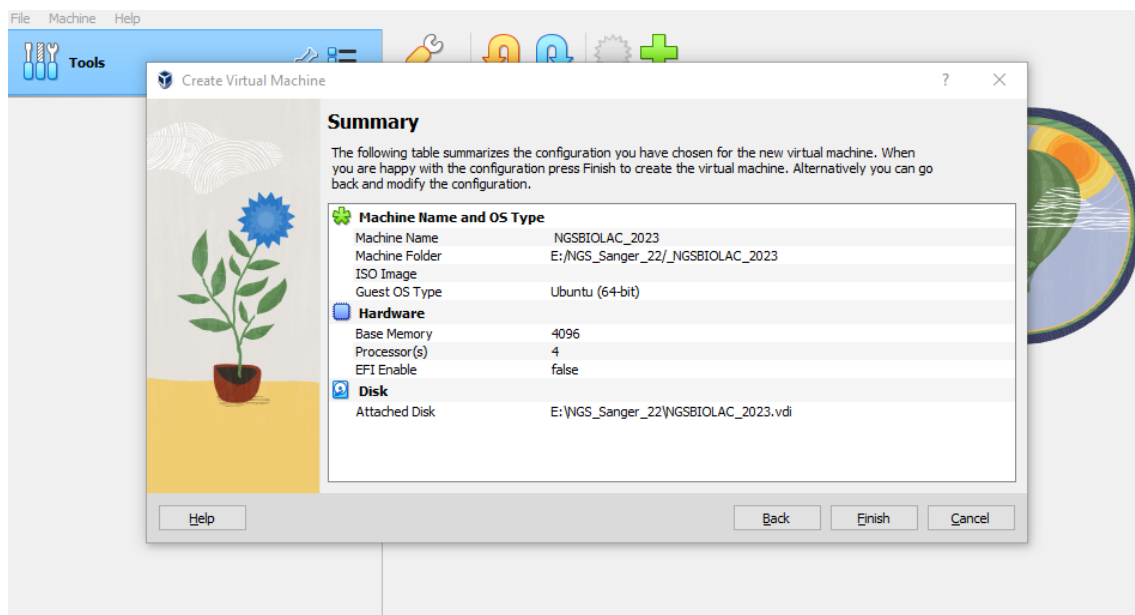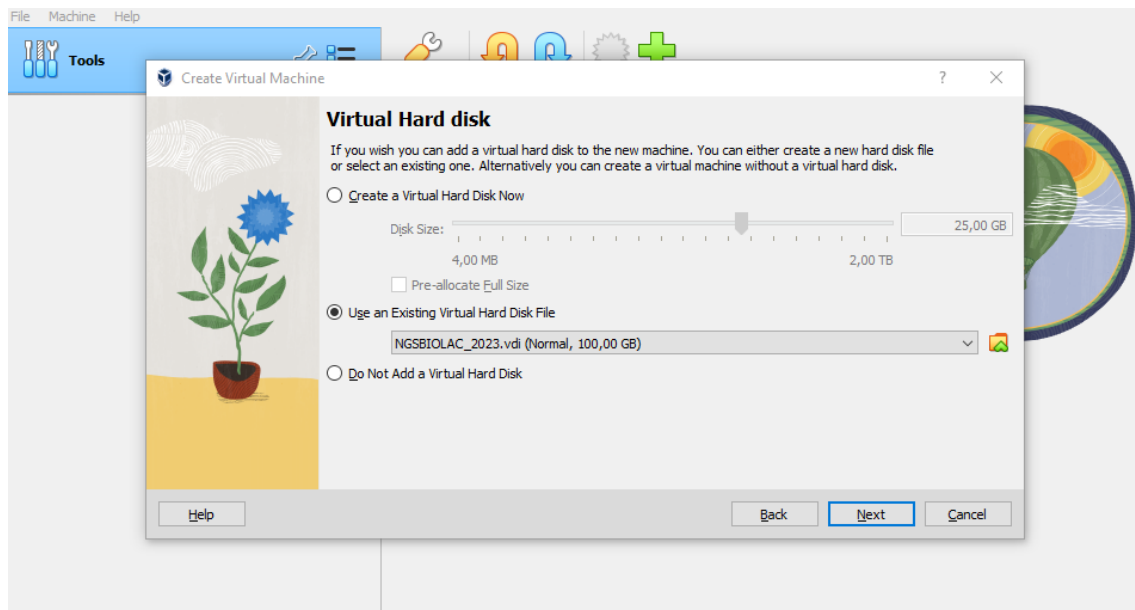
Select the amount of memory (RAM) and the number of processors to allocate to this VM, the values available to you will depend on the amount of memory (RAM) and cores available on the host machine. Select the amount of memory (RAM) and cores click 'Continue'

As we have already created the virtual hard disk for you, select 'Use an existing virtual hard disk file' and click on the folder then in the ´Hard Disk Selector´, search the .vdi and press the drive with a green plus to add.

You should then see the screen below containing your VM 'NGSBIOLAC_2023' switched off.

File Machine Help

Tools

NGSBIOLAC_2023
Powered Off

General

Name: NGSBIOLAC_2023
Operating System: Ubuntu (64-bit)

Preview

NGSBIOLAC_2023

System

Base Memory: 4096 MB
Processors: 4
Boot Order: Floppy, Optical, Hard Disk
Acceleration: Nested Paging, KVM Paravirtualization

Display

Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled

Storage

Controller: IDE
  IDE Secondary Device 0:   [Optical Drive] Empty
Controller: SATA
  SATA Port 0:   NGSBIOLAC_2023.vdi (Normal, 100,00 GB)

Audio

Host Driver: Default
Controller: ICH AC97

Network