

1INF06 Data Structures and Methodical Programming

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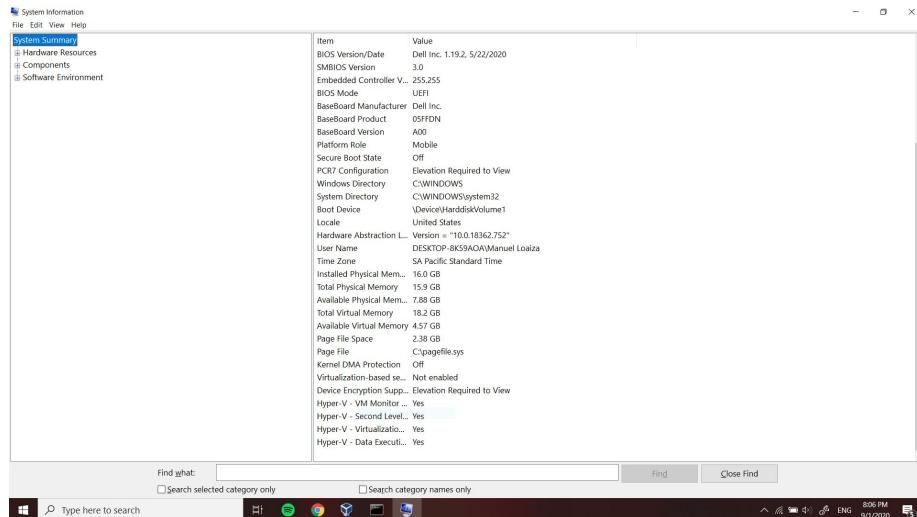
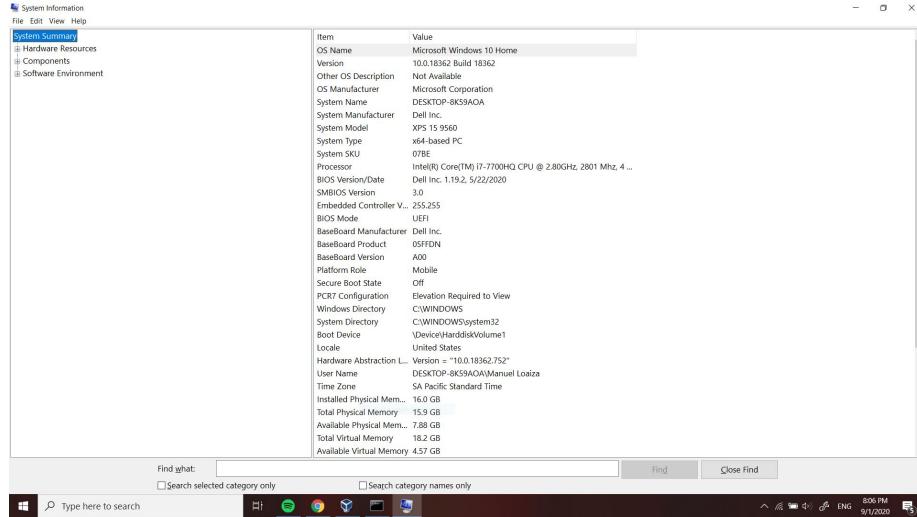
First report of the course Data Structures and Methodical Programming taught at the Faculty of Science and Engineering at Pontificia Universidad Católica del Perú (PUCP) by Viktor Khlebnikov in the semester 2020-2.

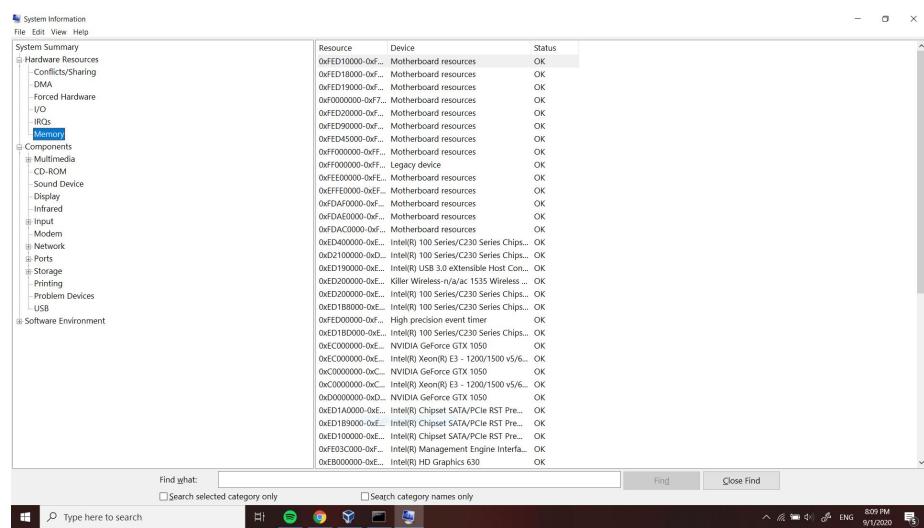
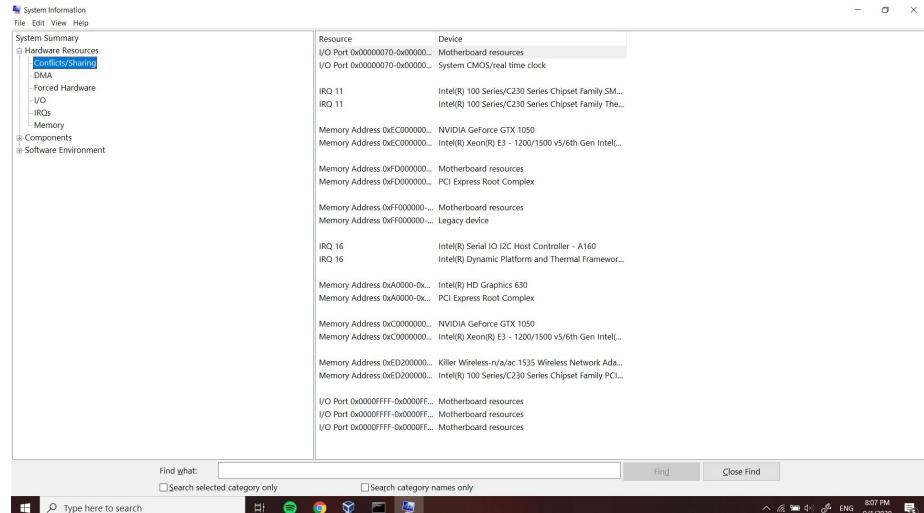
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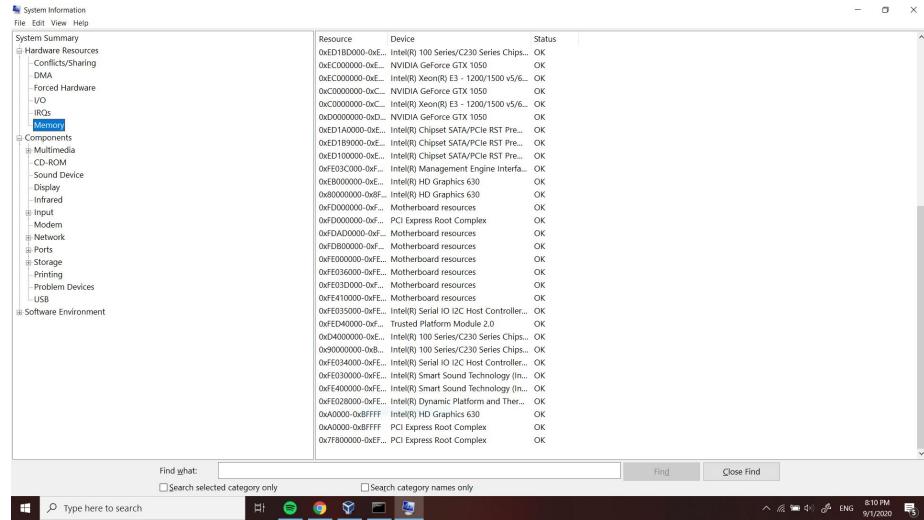
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1 Loaiza Vasquez, Manuel Alejandro

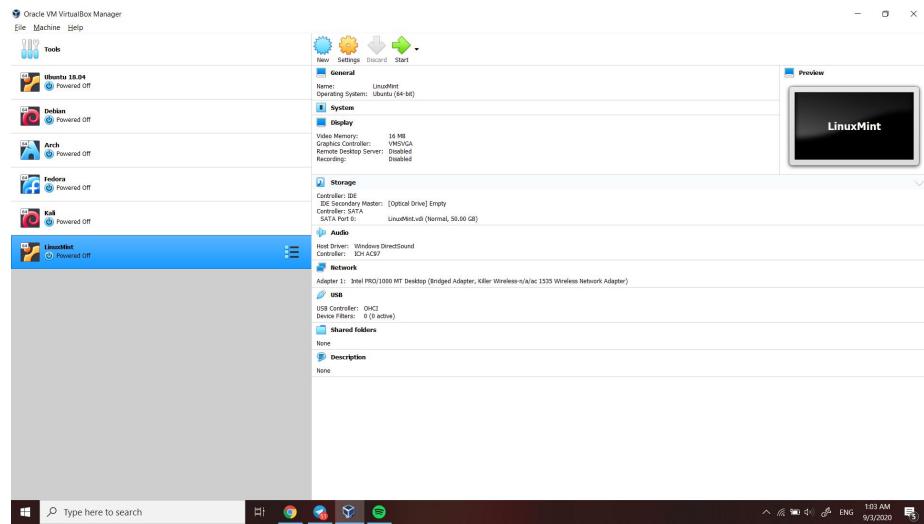
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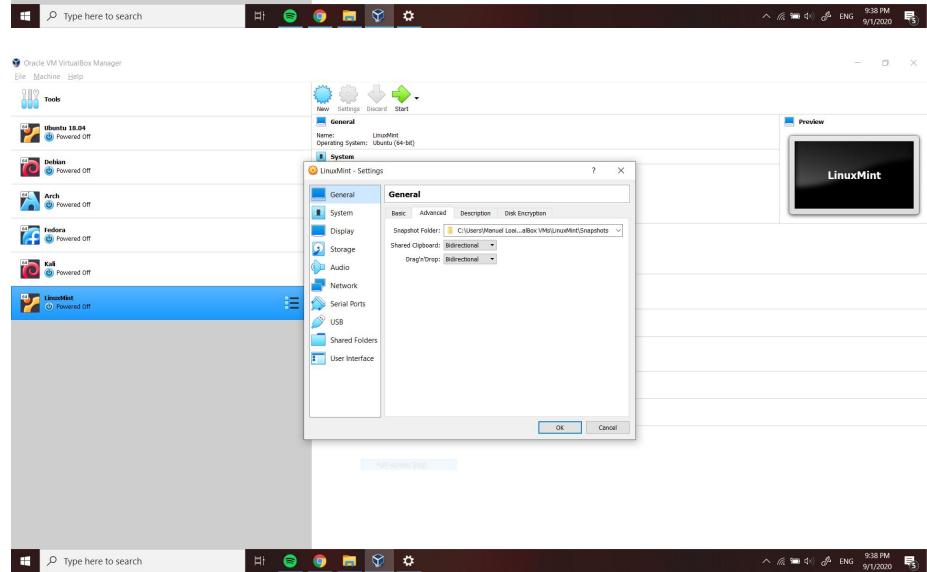
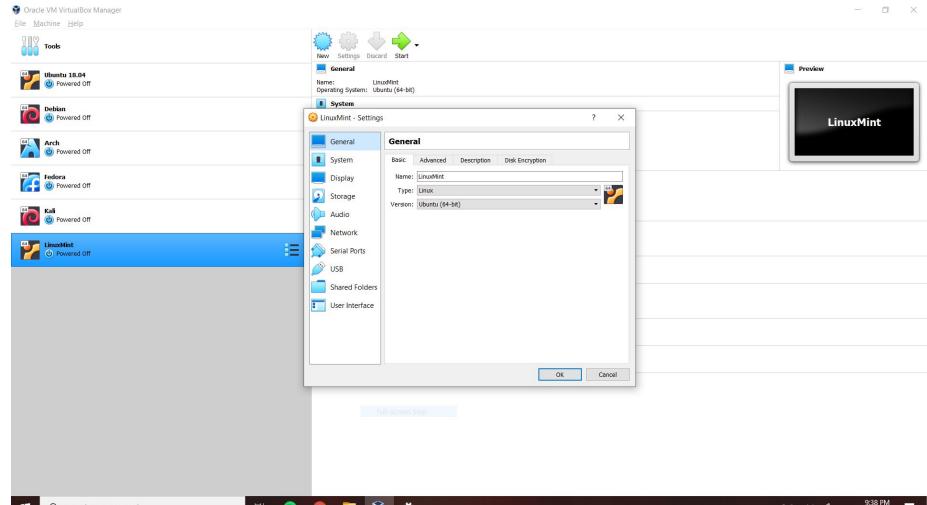


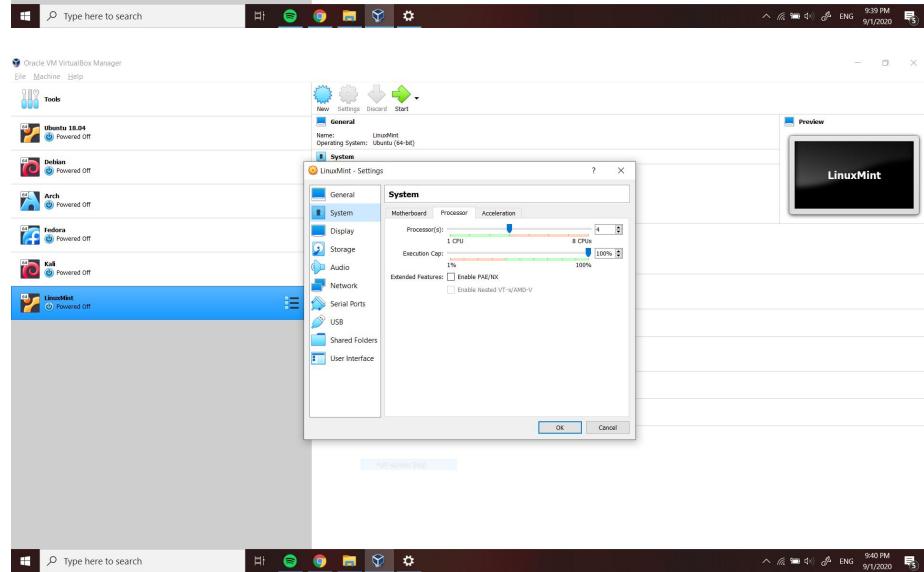
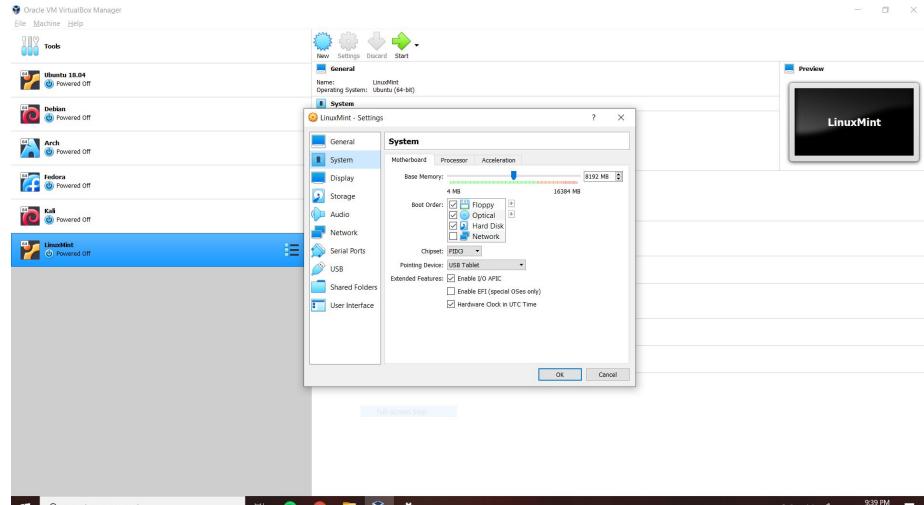


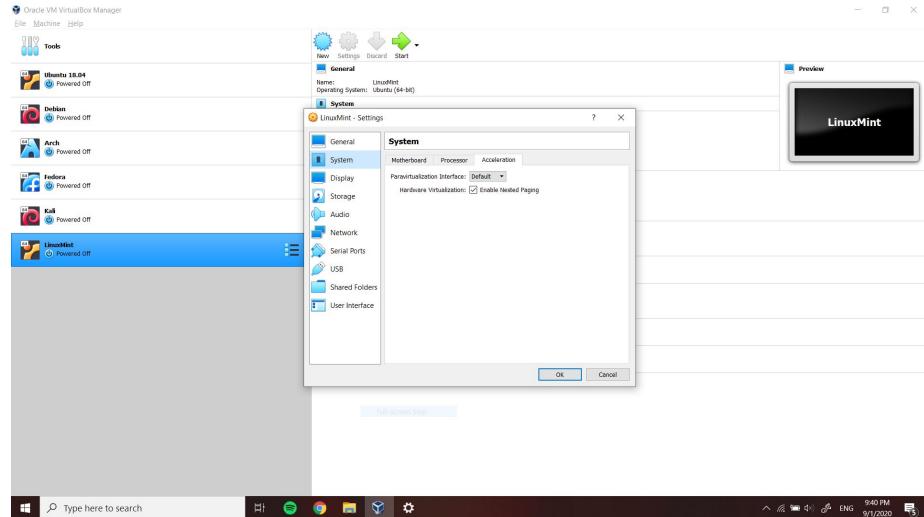


1.2 Oracle VM VirtualBox parameters

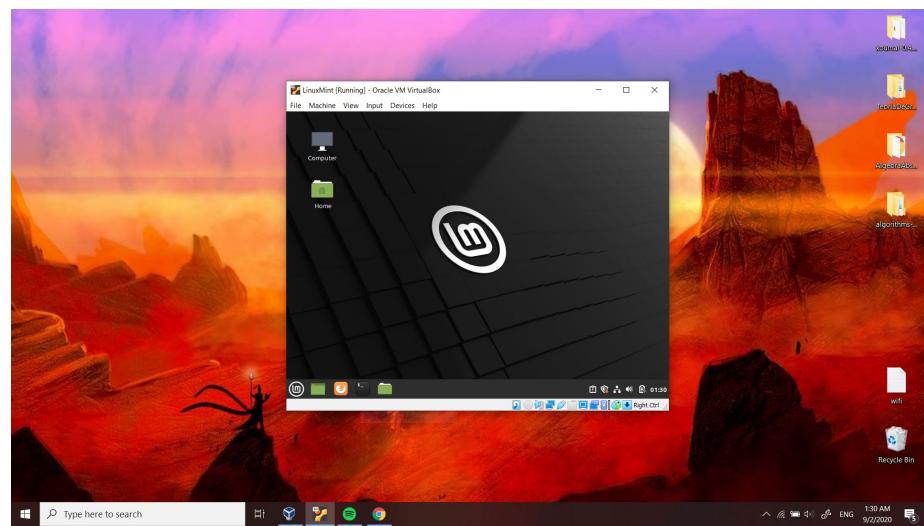


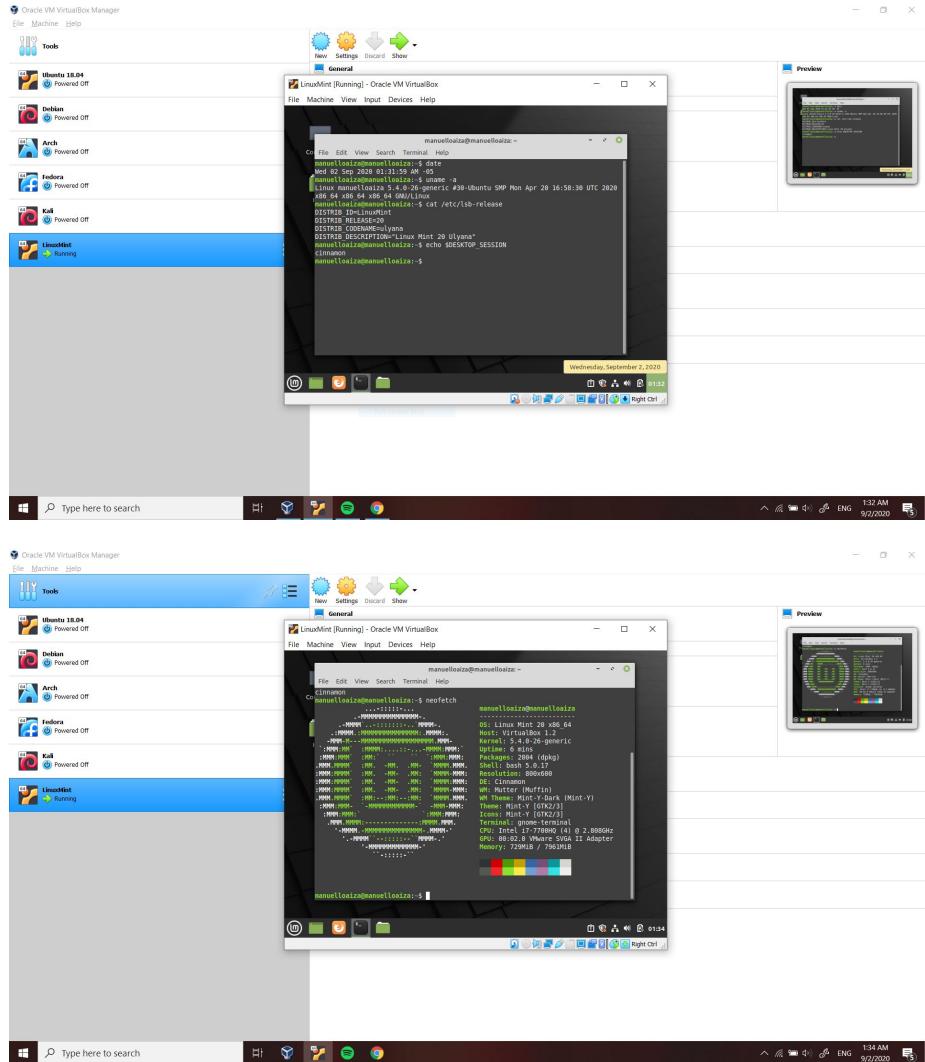






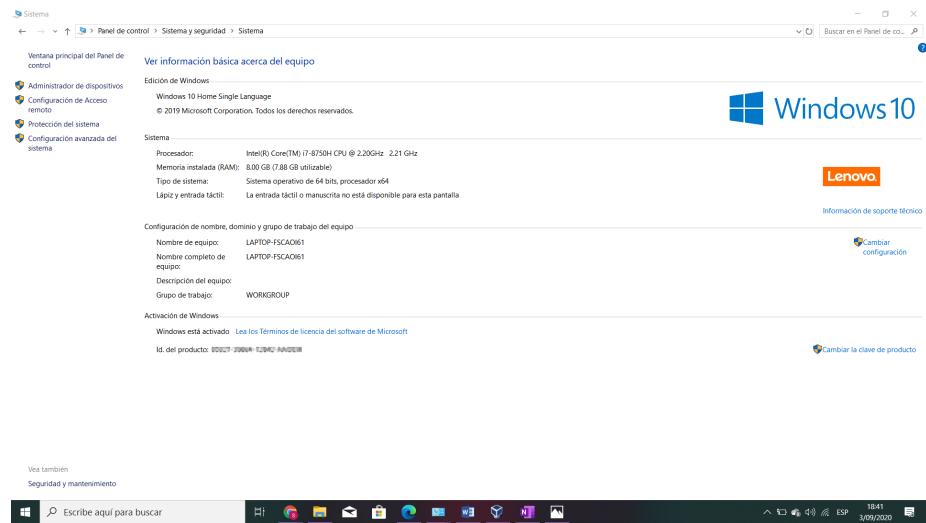
1.3 Linux Mint



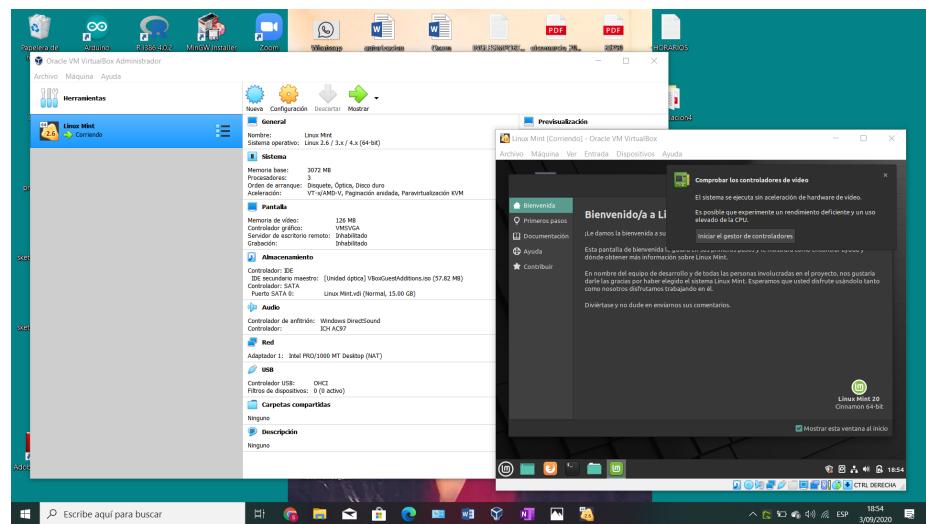


2 Oyarce Tocto, Elizabeth Patricia

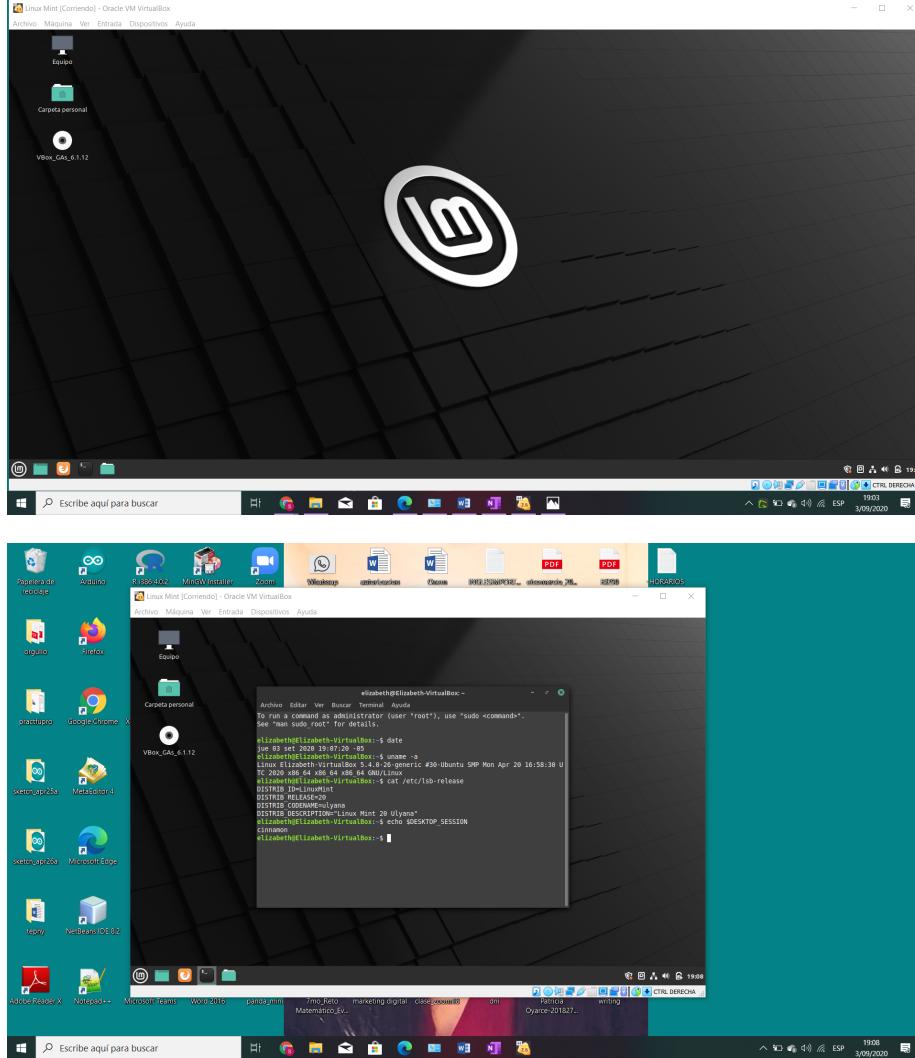
2.1 Resources

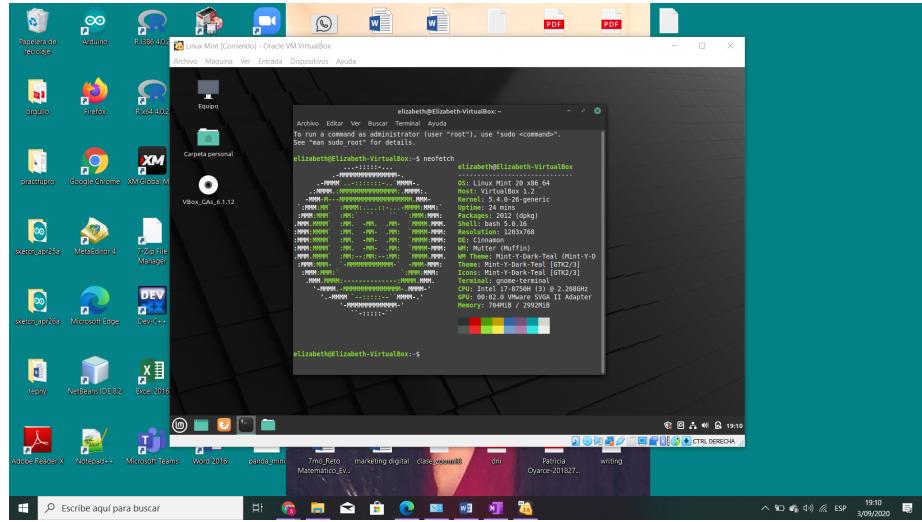


2.2 Oracle VM VirtualBox parameters



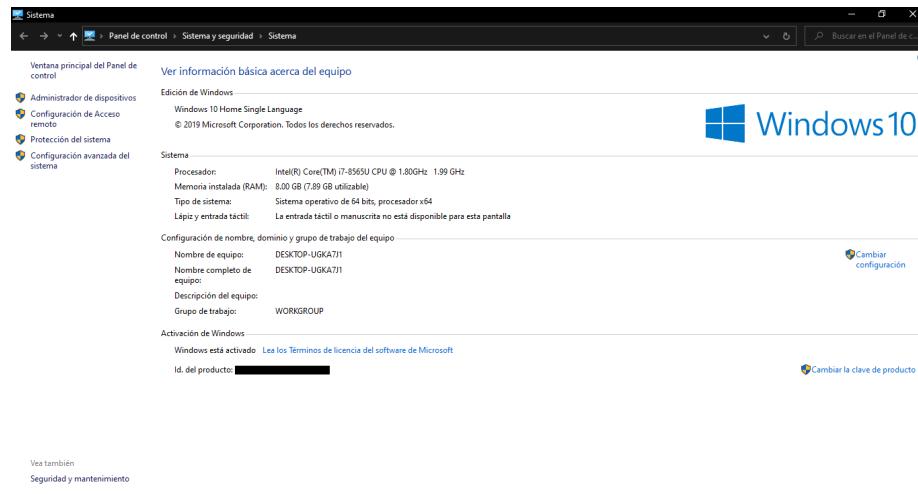
2.3 Linux Mint



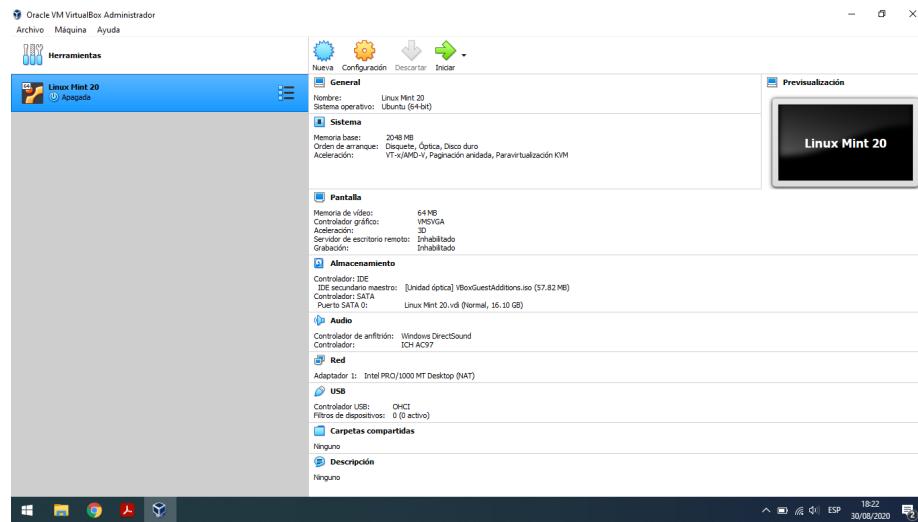


3 Saras Rivera, André Edgardo

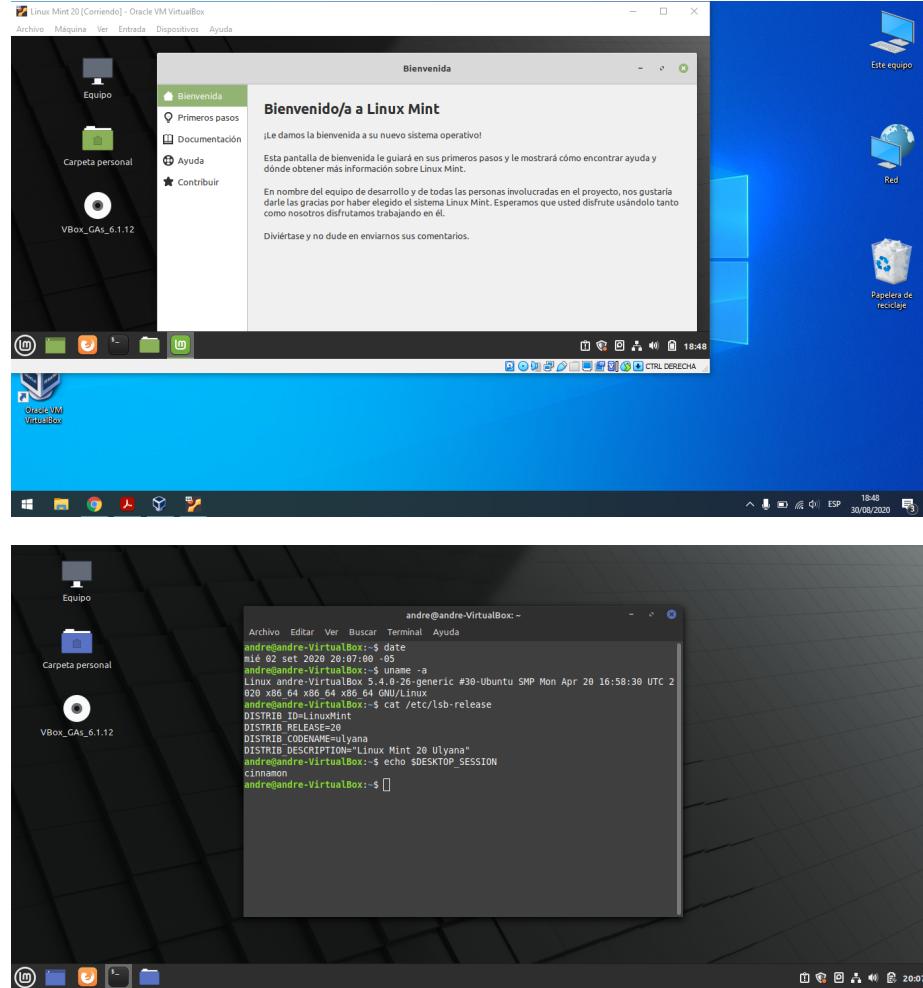
3.1 Resources

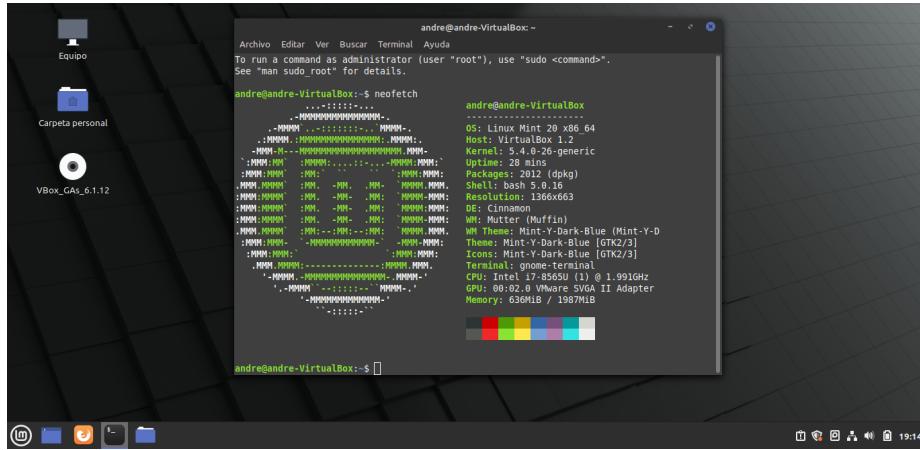


3.2 Oracle VM VirtualBox parameters



3.3 Linux Mint





4 Tutorial

First of all, we have to look for our system resources. The fastest way to reach the panel with the information is using the command line.

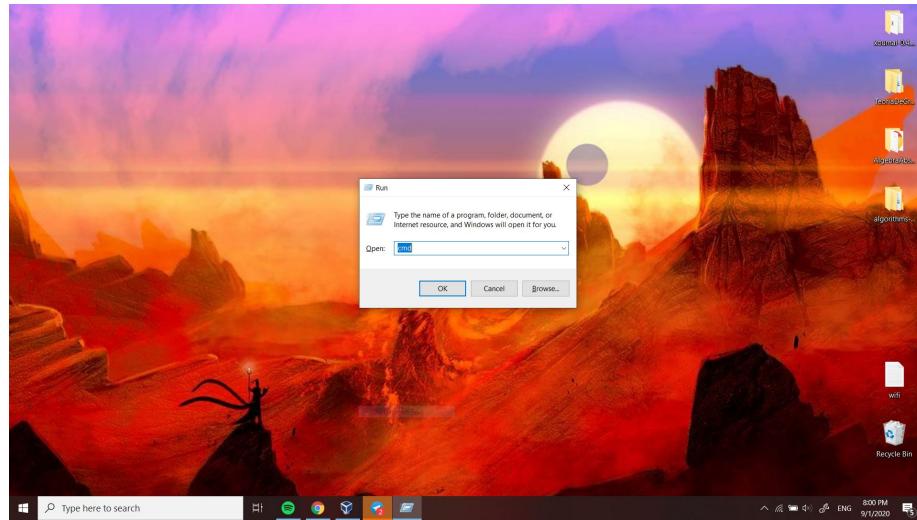


Figure 1: Windows + R

A screenshot of a Windows Command Prompt window titled 'C:\WINDOWS\system32\cmd.exe'. The command 'msinfo32' is typed into the prompt. The window shows standard command-line interface elements like the title bar, menu bar, and scroll bars.

Figure 2: Typing msinfo32 before pressing enter.

Then, we can download Oracle VM VirtualBox from the official webpage; however, it becomes tricky when we have already installed Oracle VM Virtu-

alBox because we don't want to lose your data or previous virtual machine configurations, so you have to do the following steps.

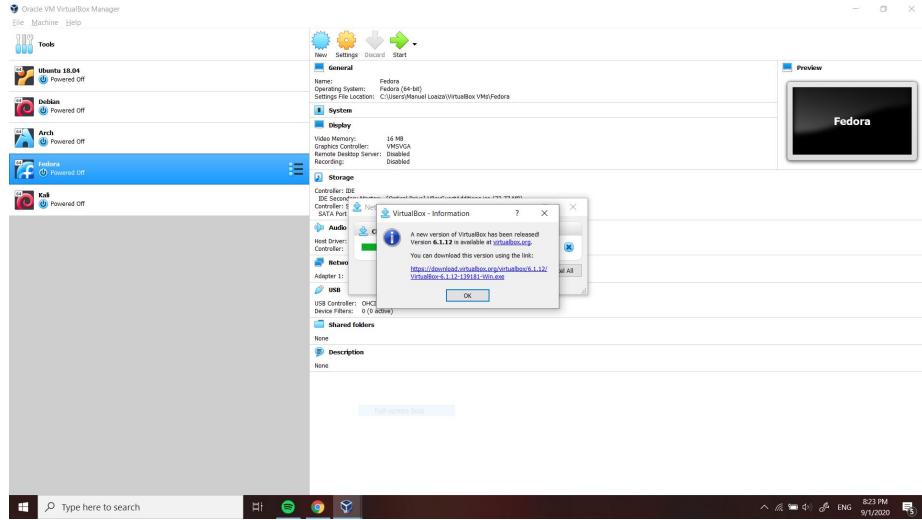


Figure 3: Oracle VM VirtualBox already installed but not updated.

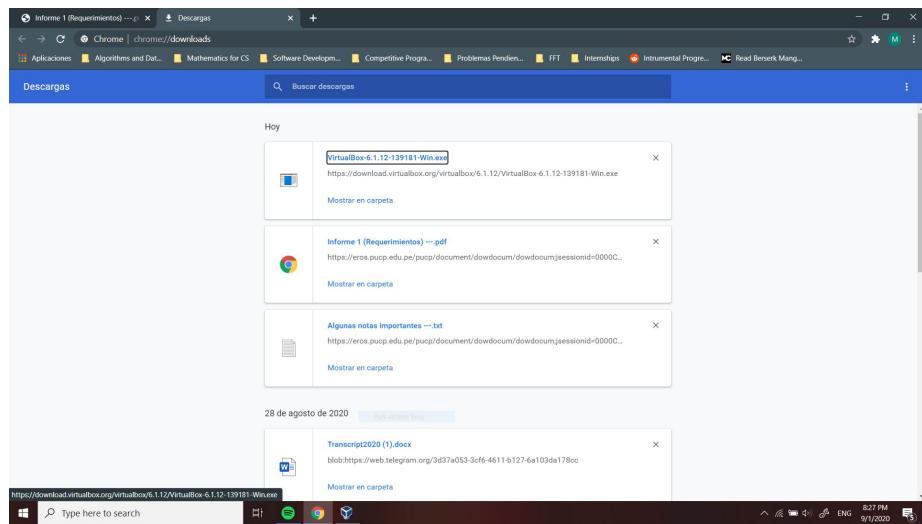


Figure 4: Executable downloaded from the provided link.

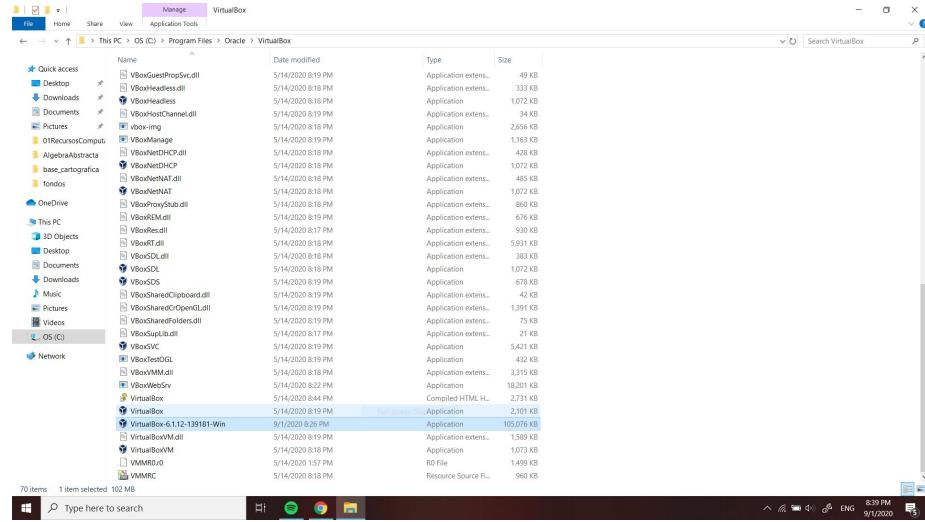


Figure 5: Executable moved to the same directory in which the program was installed.

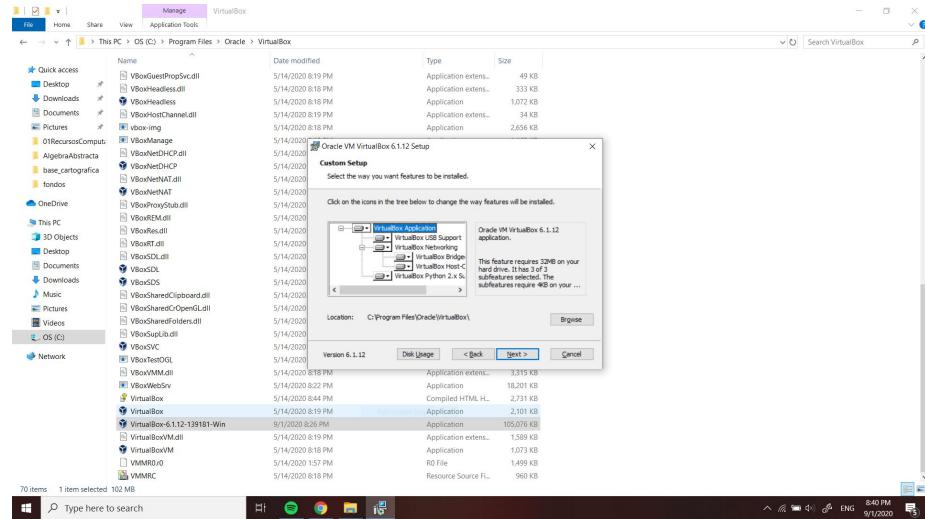


Figure 6: Choosing the same path to finish the upgrade.

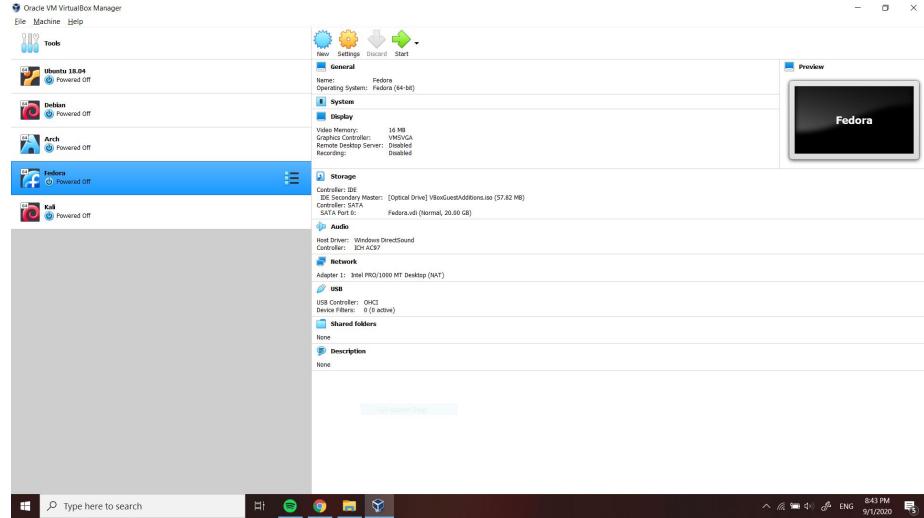


Figure 7: Oracle VM VirtualBox updated.

After that, we have to download the Linux Mint ISO file that matches with our processor and create a new virtual machine.

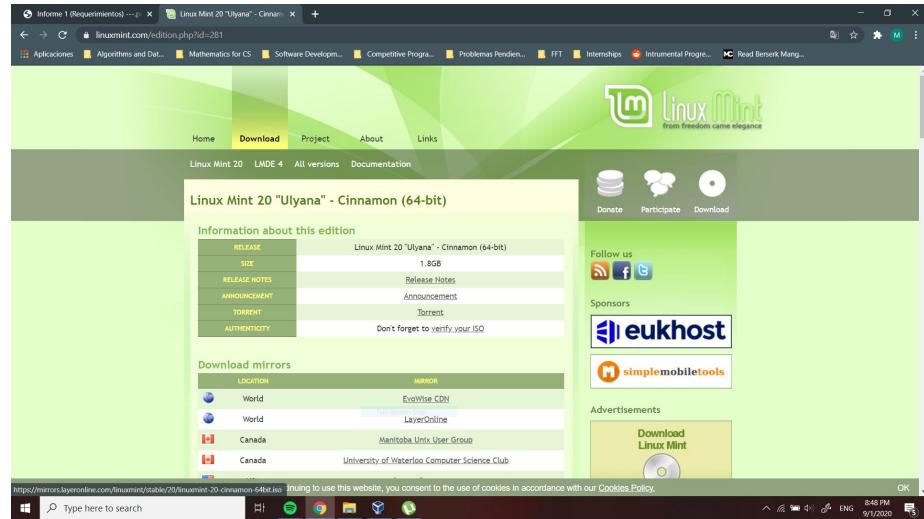


Figure 8: Linux Mint download page.

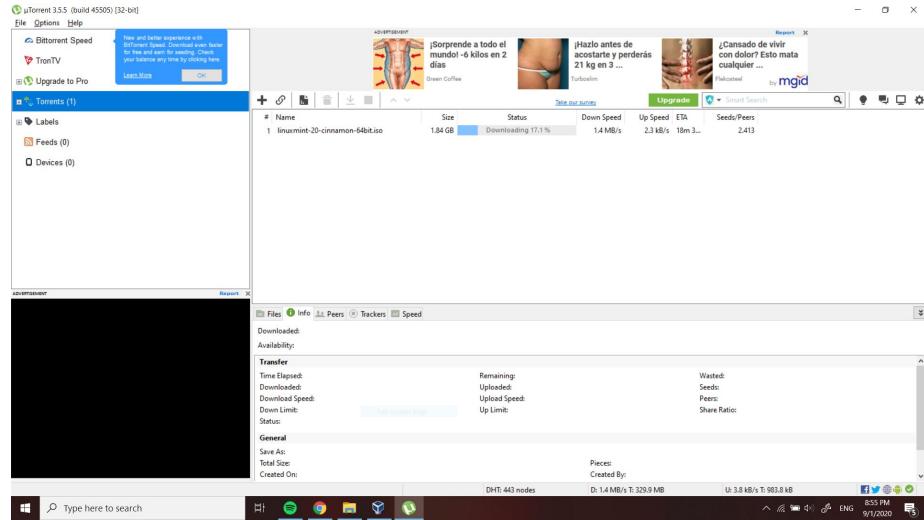


Figure 9: Downloading the ISO file from μ Torrent.

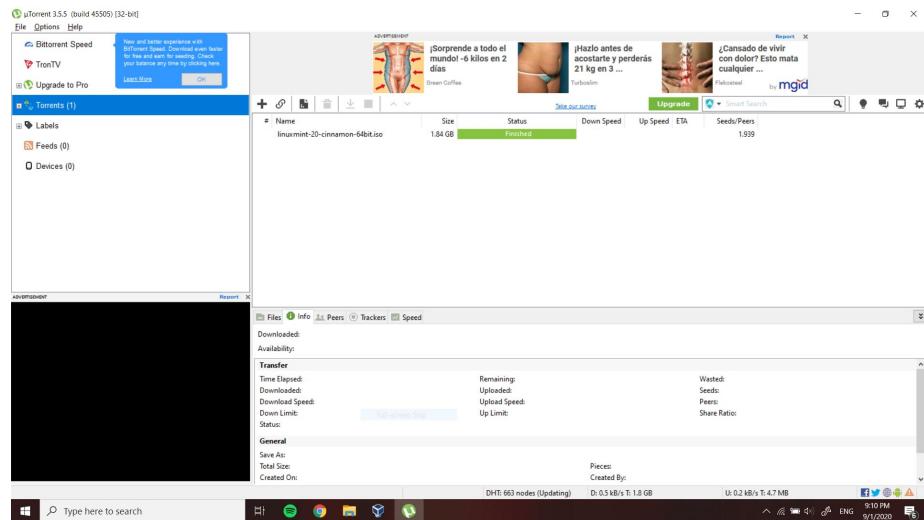


Figure 10: ISO file downloaded.

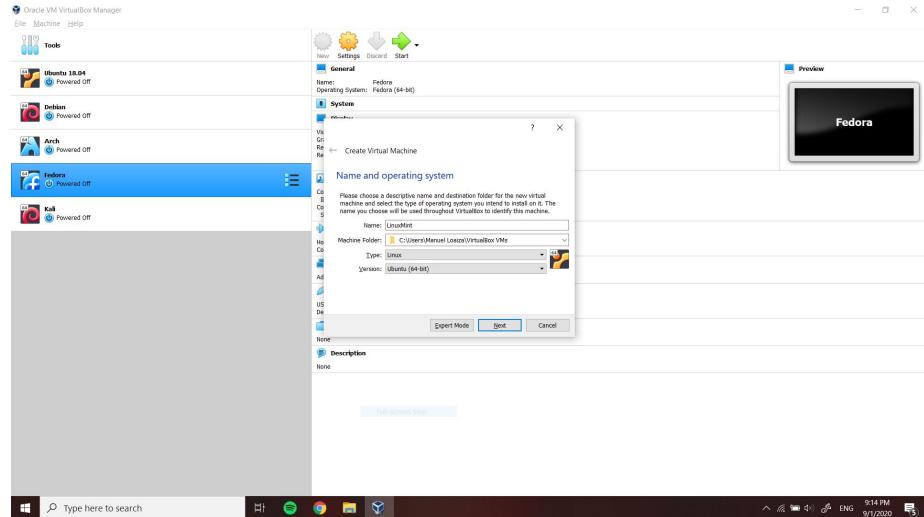


Figure 11: New Virtual Machine.

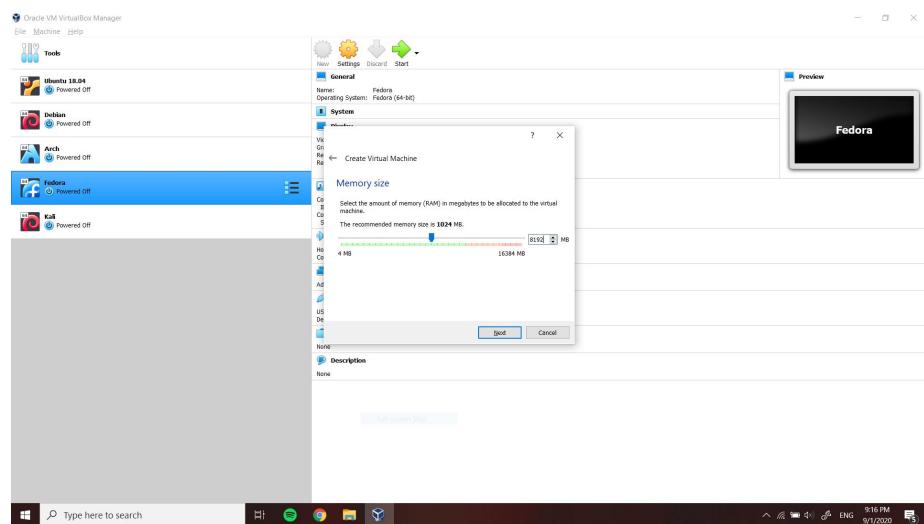


Figure 12: Memory Size.

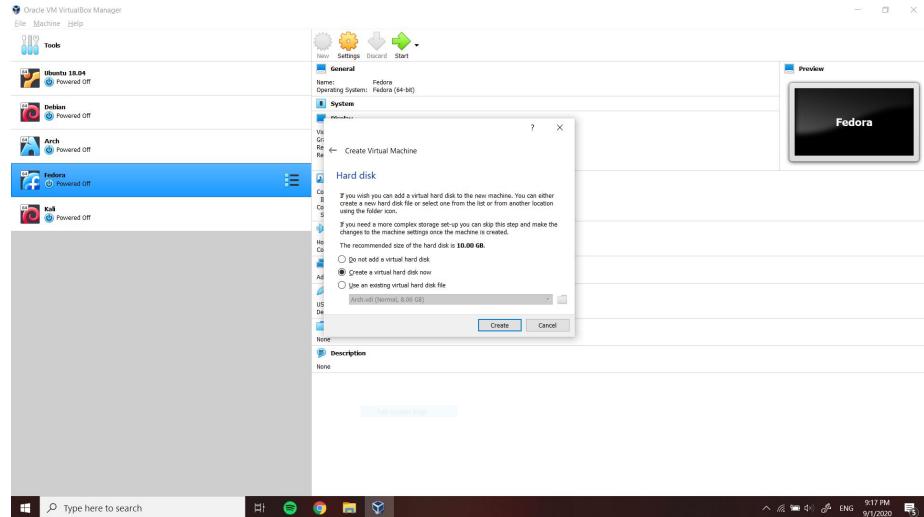


Figure 13: Hard Disk.

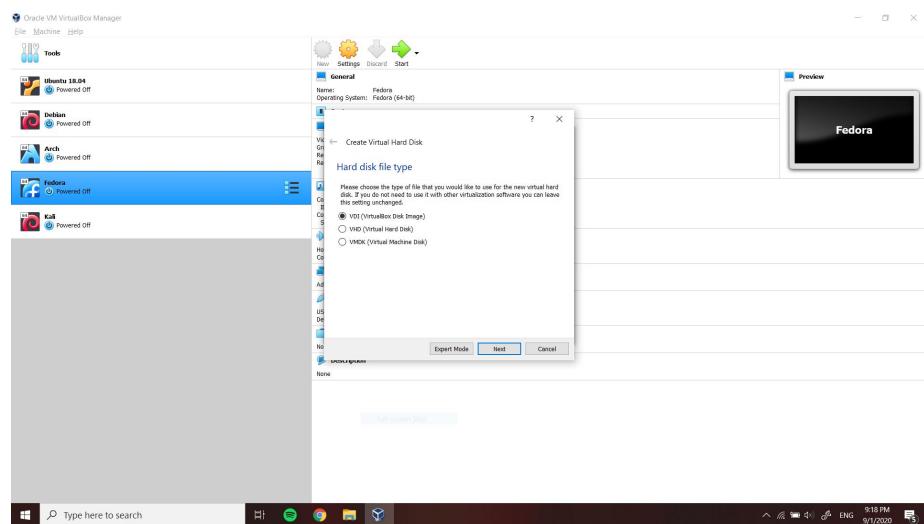


Figure 14: Hard Disk Type.

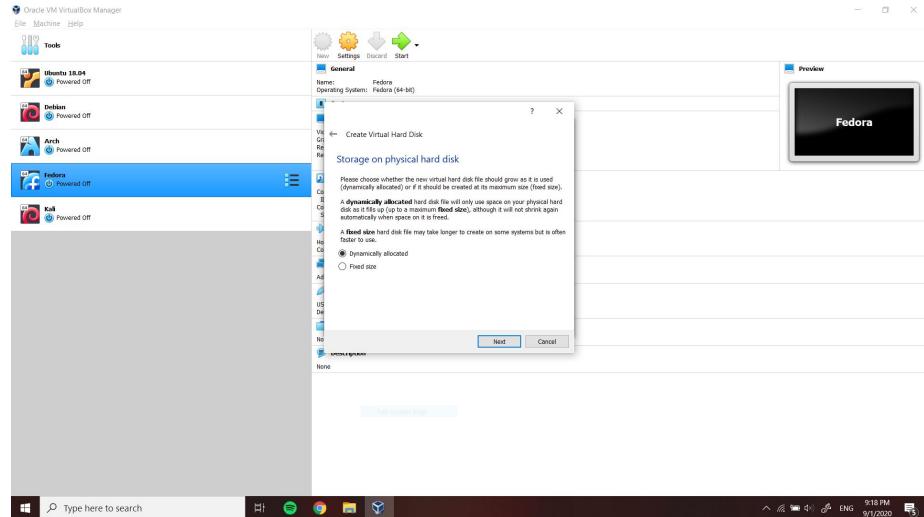


Figure 15: Storage on Physical Hard Disk.

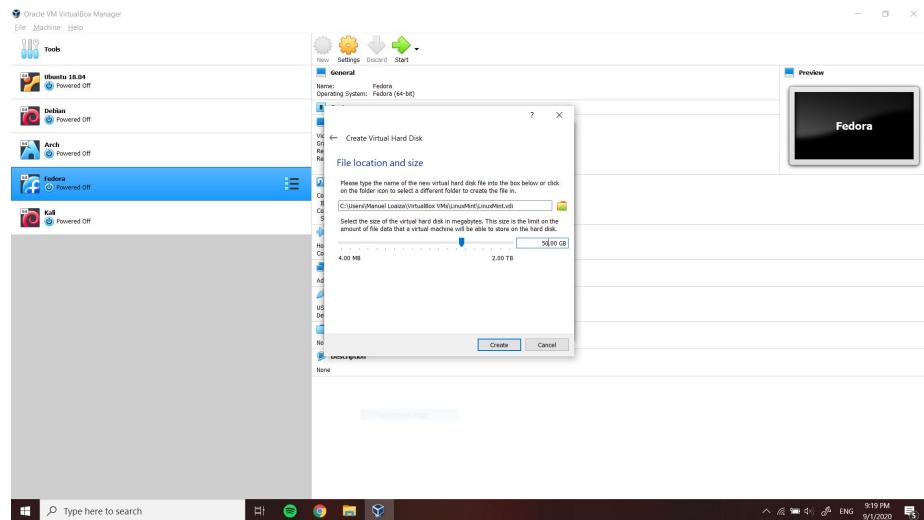


Figure 16: File location and size.

Finally, we start the virtual machine and install Linux Mint according to our needs.

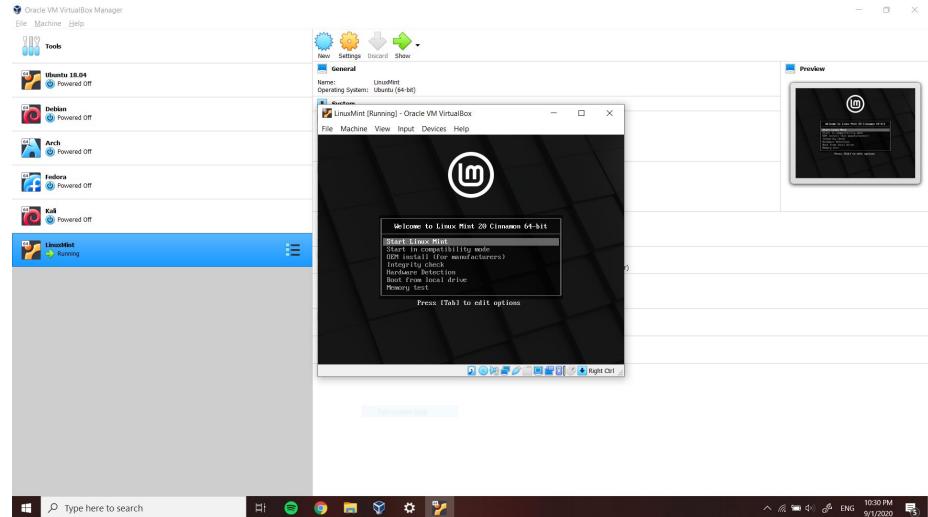


Figure 17: Linux Mint 20 Cinnamon 64 bit.