Unit 2 Assignment

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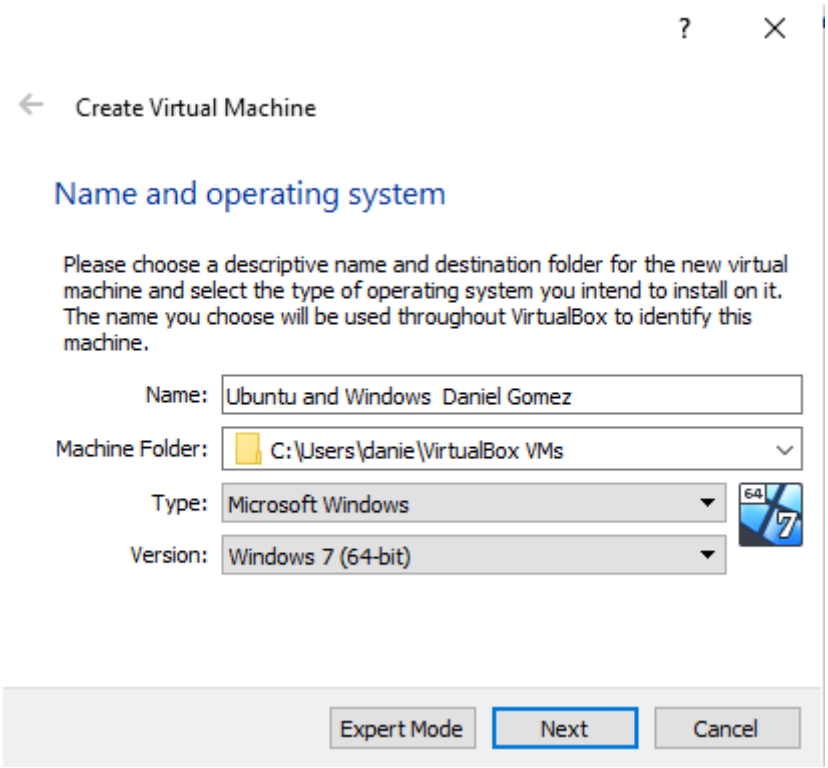
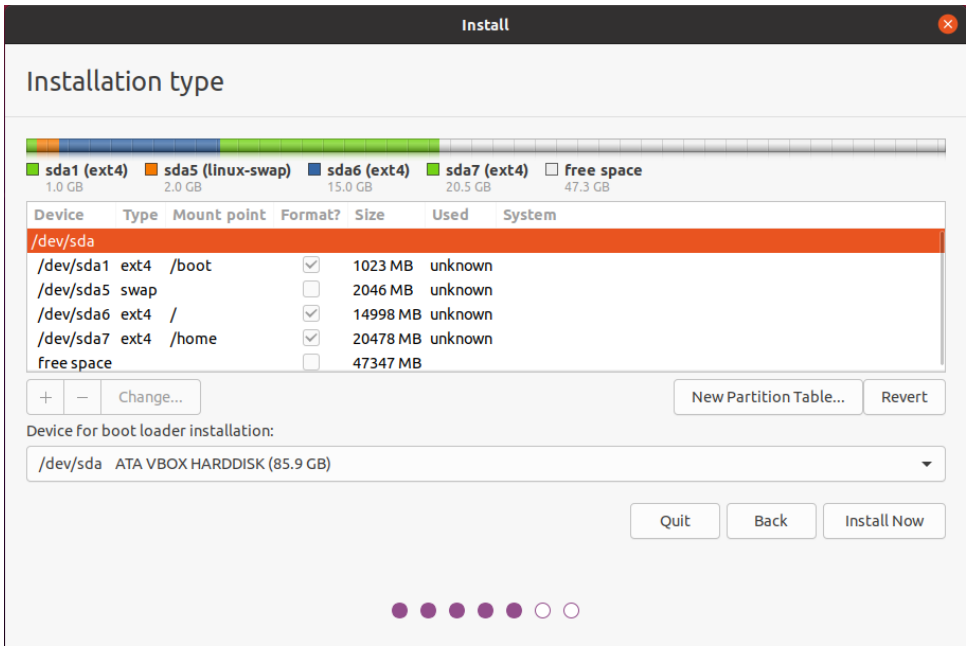
DW1E

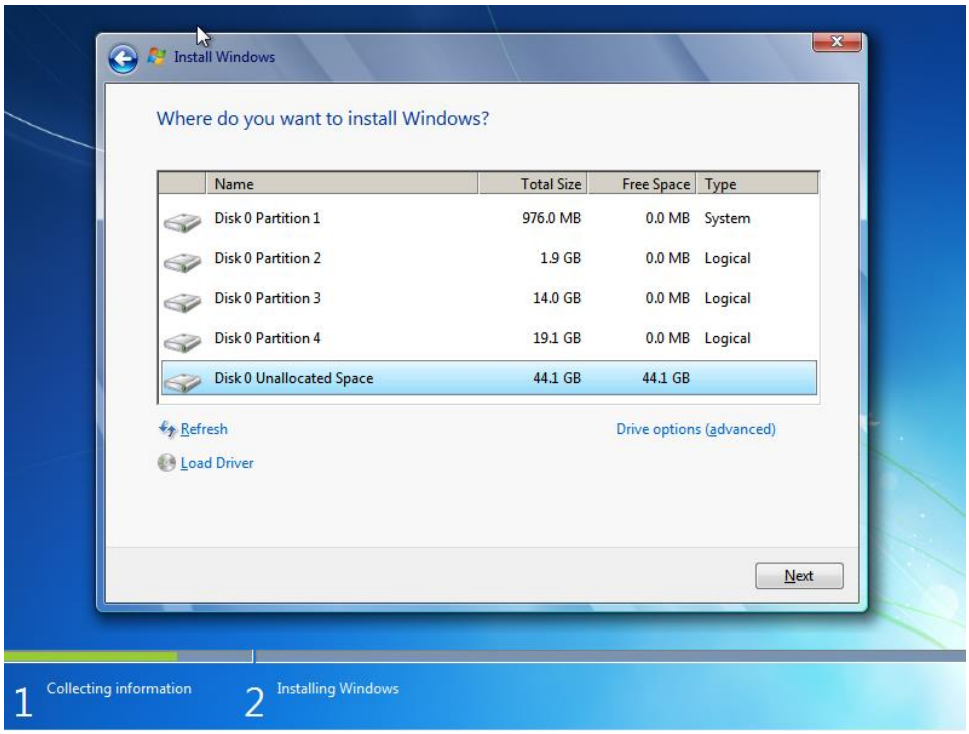


- First we start creating a new virtual machine also we need to select the windows 7 version in order not to have problems in the future.

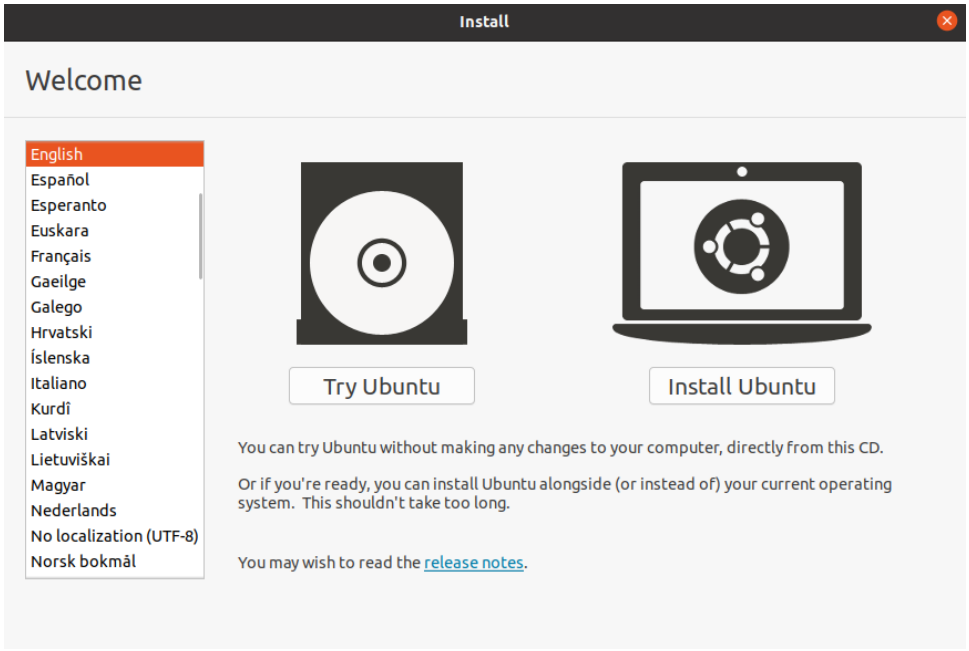


- Then we start the Ubuntu instalation and create the partitions, in this case i made 4 partitions, one for boot of 1Gb ext4, one for swap of 2Gb, one for the os of 15 Gb ext4, and one for data of 20,5 Gb ext4, now we have 47,3 Gb of free space to install windows later.

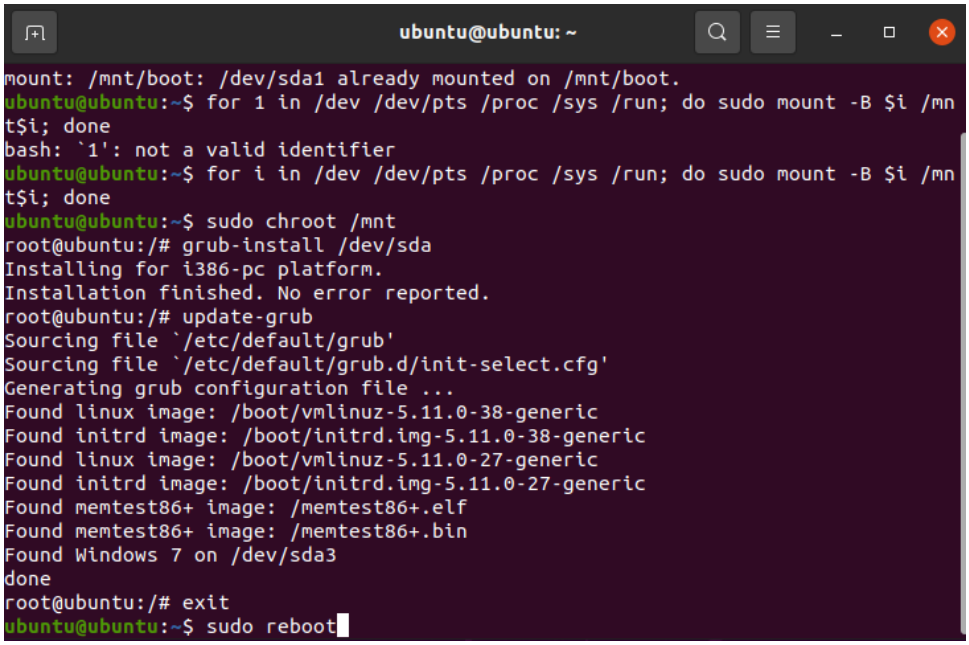
- Then we start the windows instalation selecting the language and the keyboard



- Now we can see the partitions we made before, in this case i did not create aditional partitions, i just install windows 7 in the unallocated space.

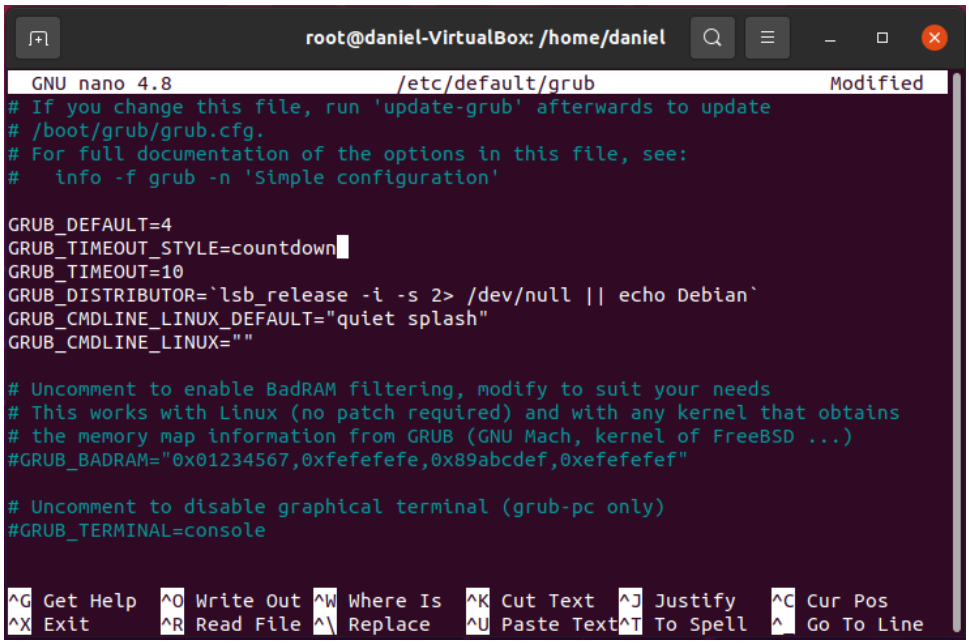


- After installing windows we lost the posibility to access Ubuntu because we do not have a bootloader, in order to acess ubuntu again we have to insert the ubuntu iso file and choose the try Ubuntu option.

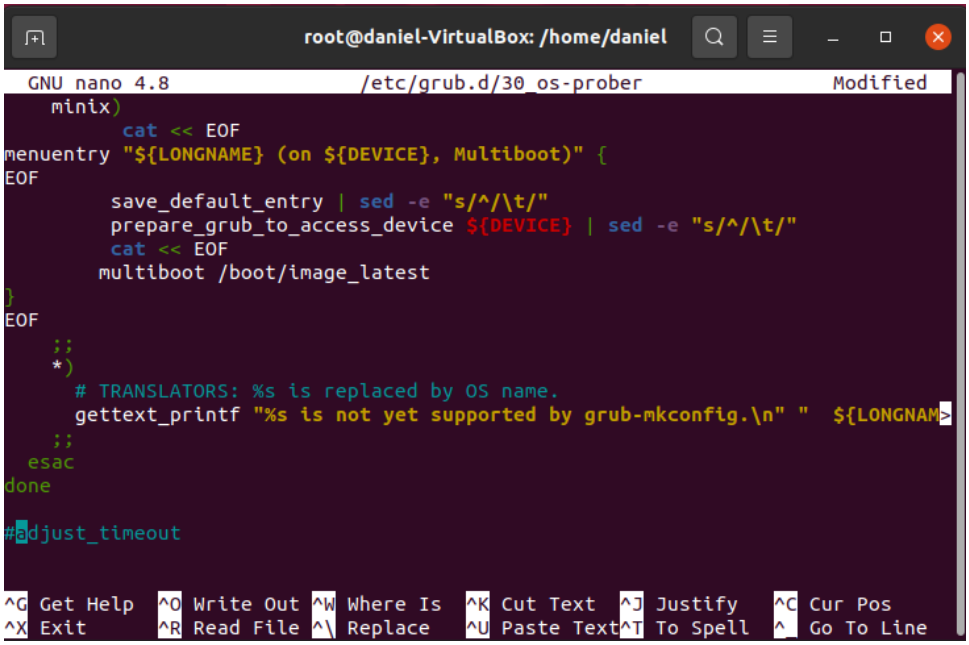


- Then we have to acces the comand line in Ubuntu and mount the os, the bootloader and install grub by typing a series of commands.

- Then we have to reboot the system and we will see the grub menu, so we can choose now wich os we want to start.

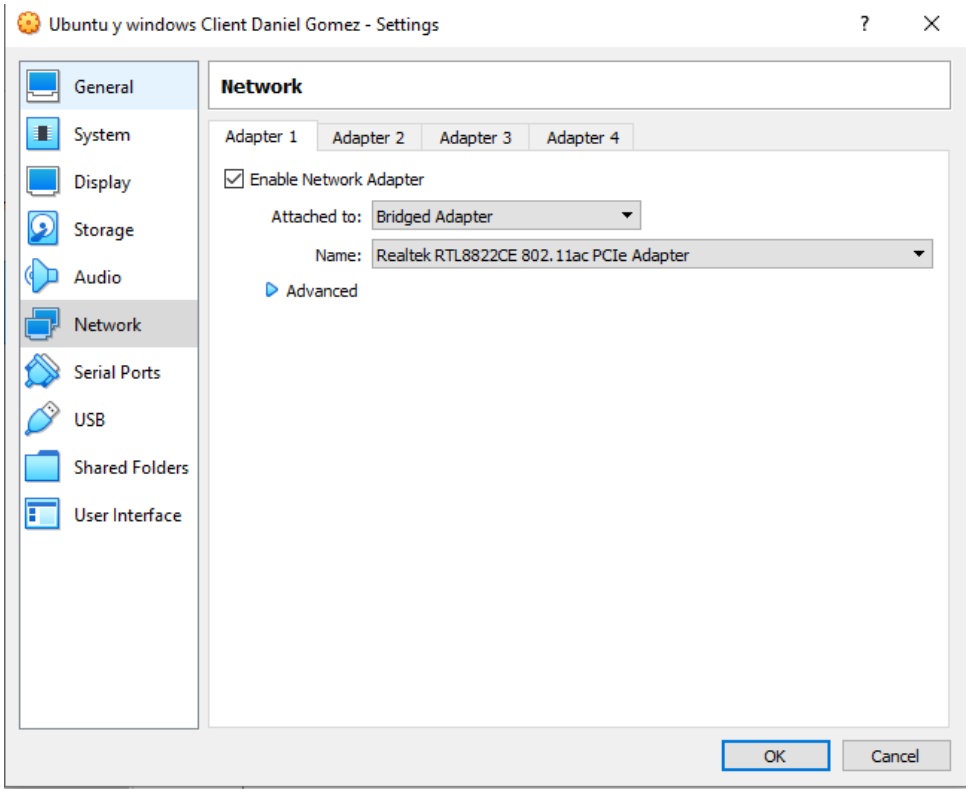


- Now we want to choose windows 7 as default, and a countdown of 10 seconds, in order to do this we have to acces the comand line as root and type nano /etc/default/grub and then change numbre 0 to 4 on GRUB_DEFAULT, change the style hidden to countdown on GRUB_TIMEOUT_STYLE and the GRUB_TIMEOUT to 10

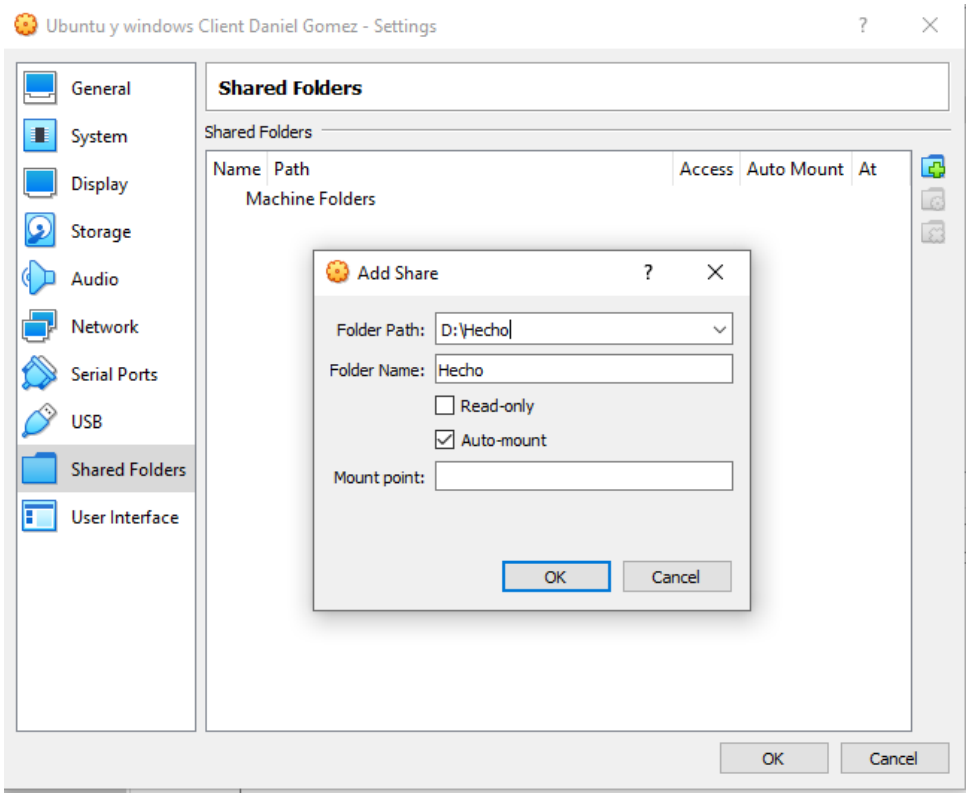


- In order to set no menu displayed by default we have to access the file /etc/grub.d/30_os-prober and add a # in the last line, then we update grub and we will see the changes after restart the os.

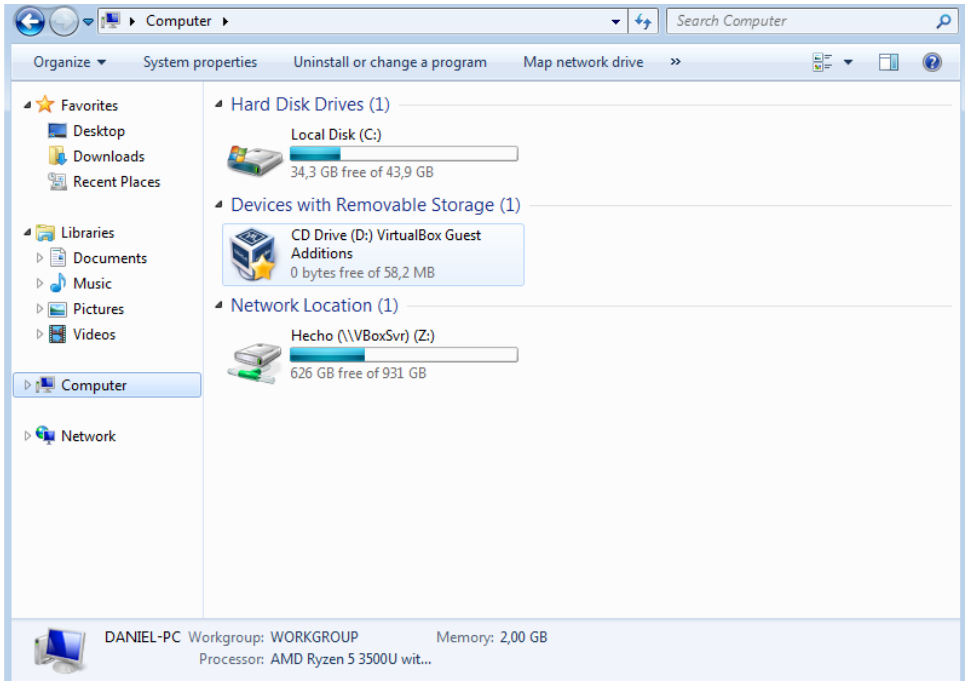
- Now once we start the os we can see a countdown of 10 seconds and no menu, if we do not press escape button after 10 seconds windows 7 will start automatically.



- In order to configurate the internet connection we have to open the network window on virtual box and select bridge adapter.



We can create a shared folder that is accessible in both operating systems by going to the shared folders window, selecting the folder we want to share and selecting auto mount.



- Now we can acces the shared folder in windows 7 and Ubuntu.