

Prepare PC for Customer Project (50 points) - Diyorbek Q & Shi G

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Configure PC (45 points)

You have been asked to prepare a PC for a customer. The customer wants to purchase a PC from you that is running Windows 10/11 (preferably Windows 11 if the hardware is supported) and supports Oracle VirtualBox. You have been tasked to prepare the PC for the customer. The customer will have their own product key for Windows, but you will have to complete the following tasks:

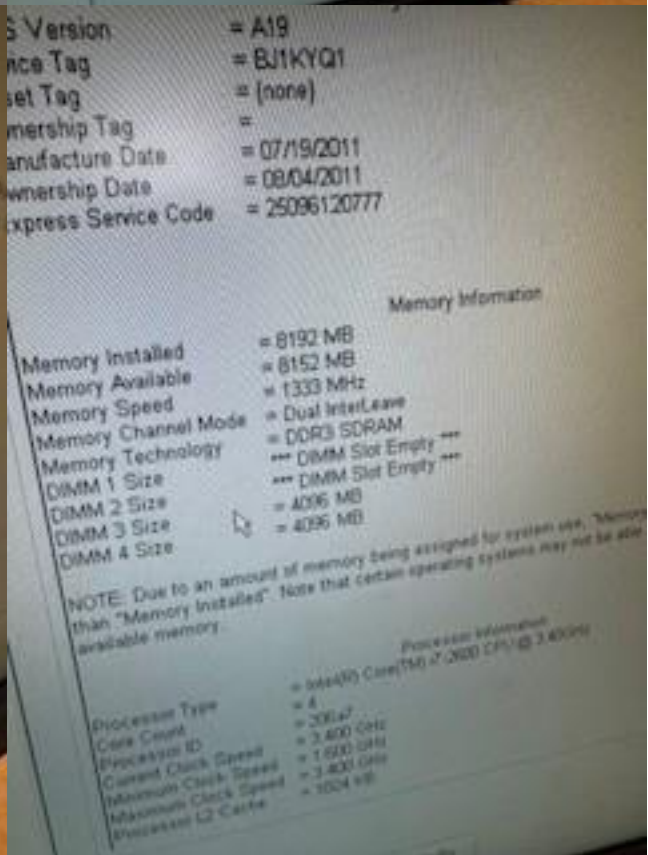
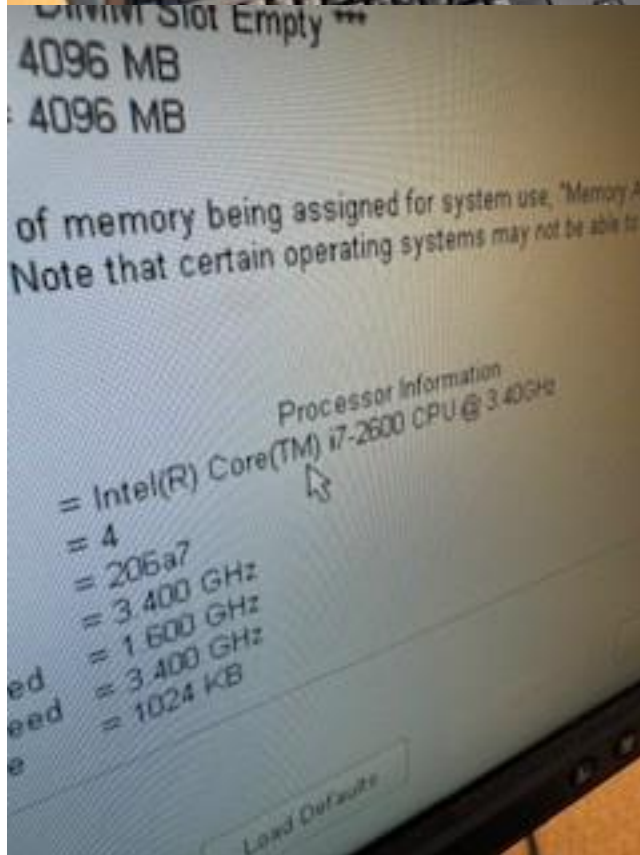
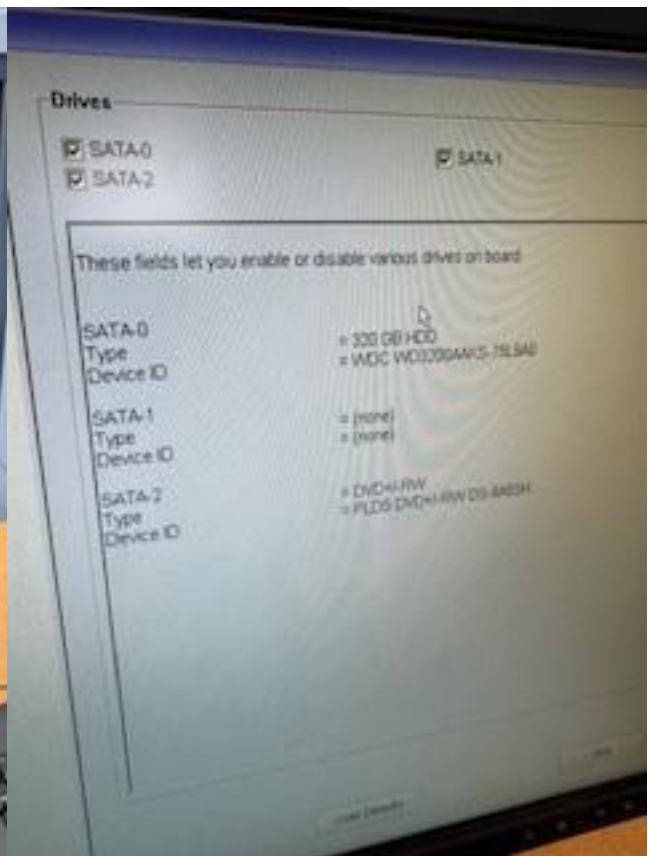
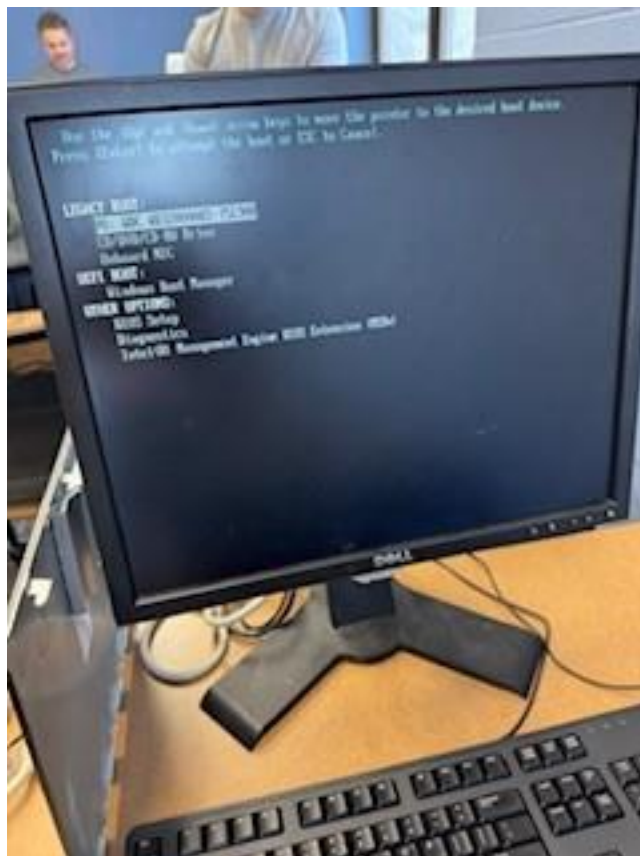
1. Select a PC from the cabinet and remove the hard drive.



2. Install the hard drive into the newer system from the cart (i.e. Dell OptiPlex)
 - a. Connect SATA and power cables

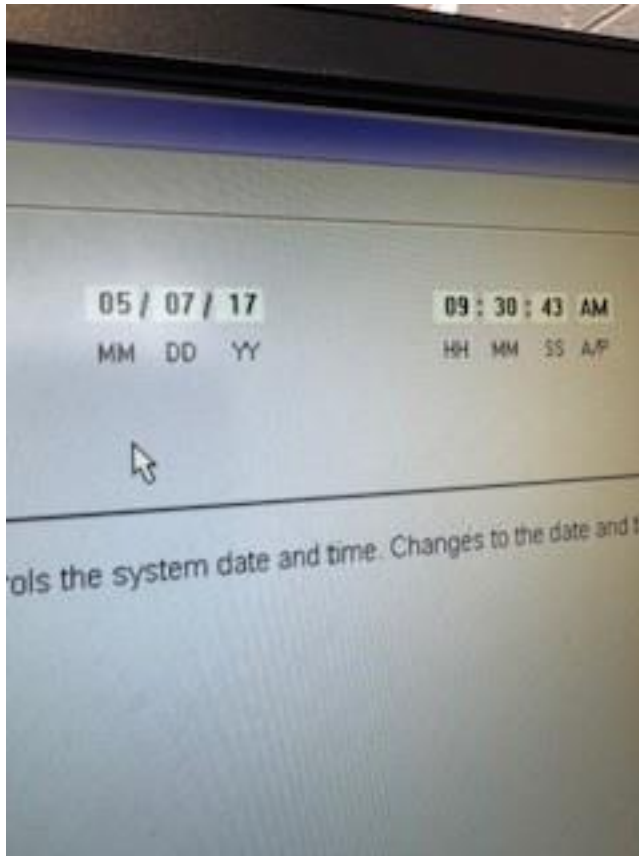


3. Boot the PC to verify hard drive has been detected properly
 - a. If PC does not boot perform some basic troubleshooting to determine the problem
 - i. If the hard drive isn't working properly, then try another hard drive

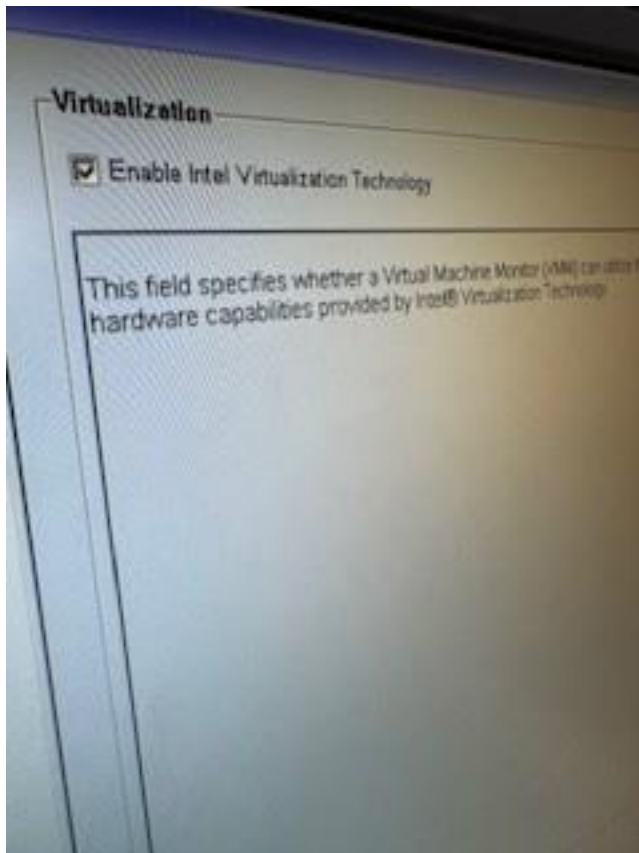


4. Does the PC have the correct system time? No, it has the time 05/07/2017 @ 9:31 AM.

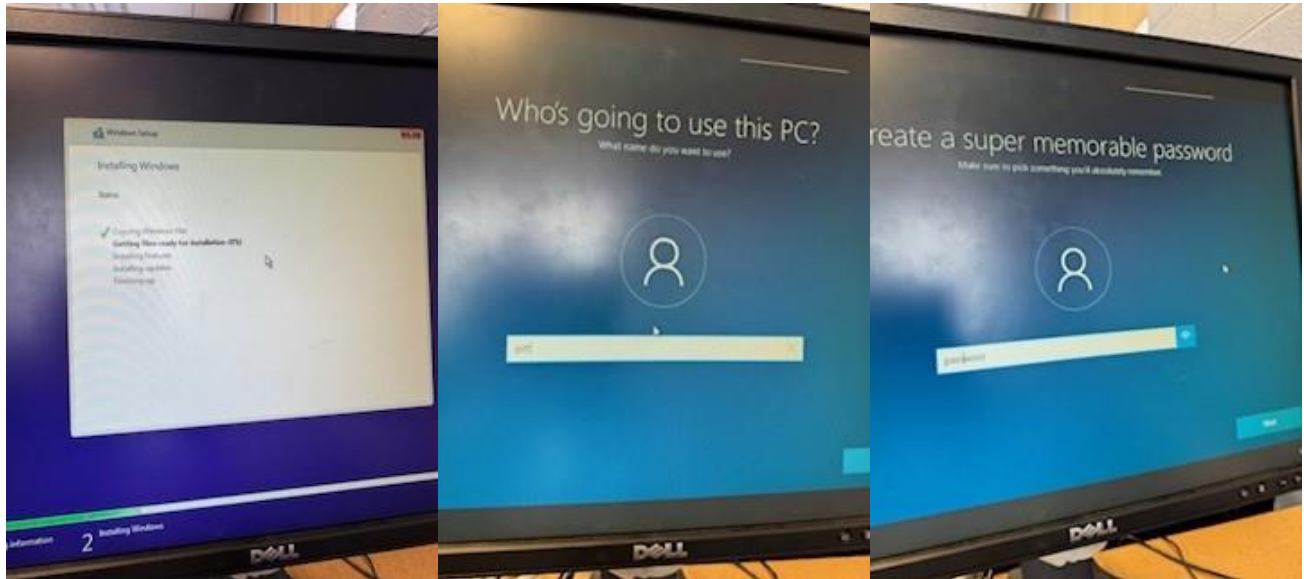
- a. **If not, then why? What might be a good idea to ensure the PC will keep its system time?** The reason why it has the incorrect time is because the CMOS battery on the motherboard has gone bad. Replacing the CMOS battery will fix the problem temporarily.



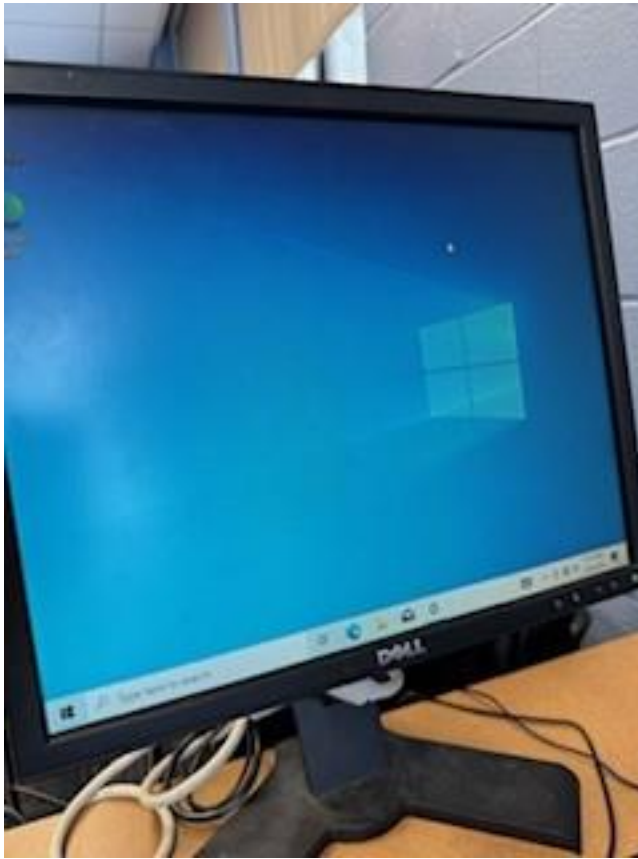
5. **Ensure the PC has the proper settings to support virtualization.**



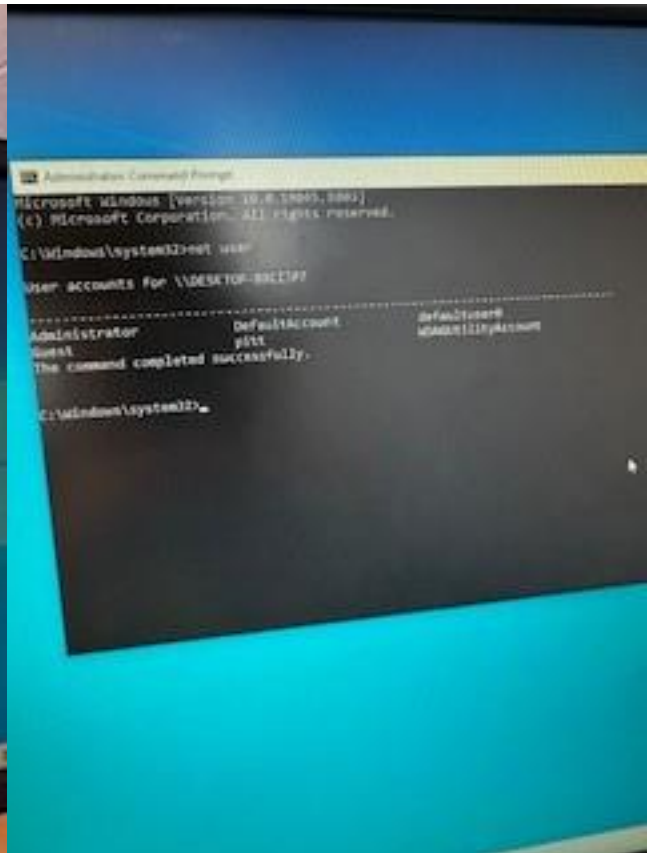
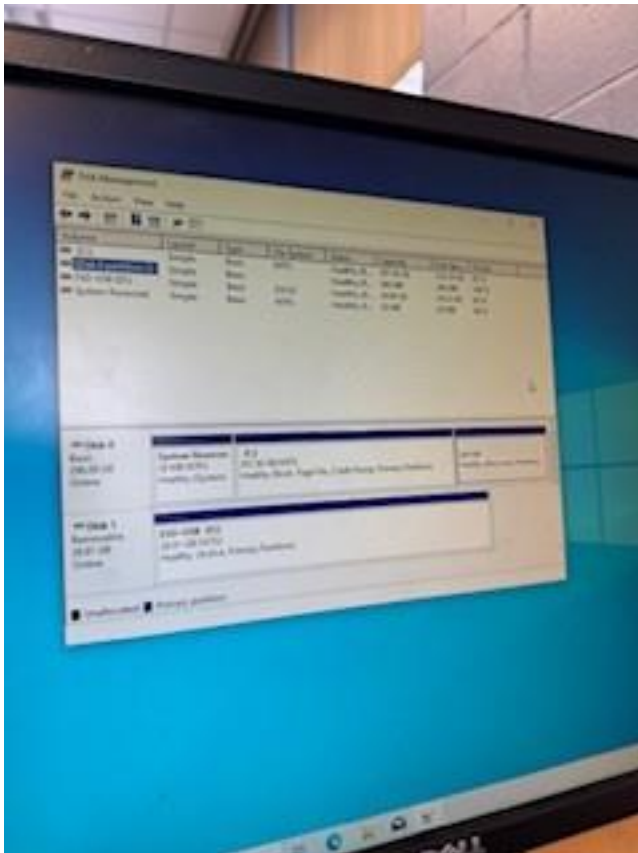
6. Install Windows 10/11 using your USB bootable media.
- Windows Edition should be "Home"
 - If hard drive has an existing partition be sure to delete it before proceeding with the install
 - Setup an offline username "pitt" (not Microsoft online account)
 - Hint: Bypass network requirement
 - Is a password required? Password is required, Password is "password" (only in this assignment, won't be a real password)



7. The windows installation will take about 30 minutes, what hardware change would make the installation go much faster? A faster Hard Drive will make this PC faster for installation; faster RW HDD.



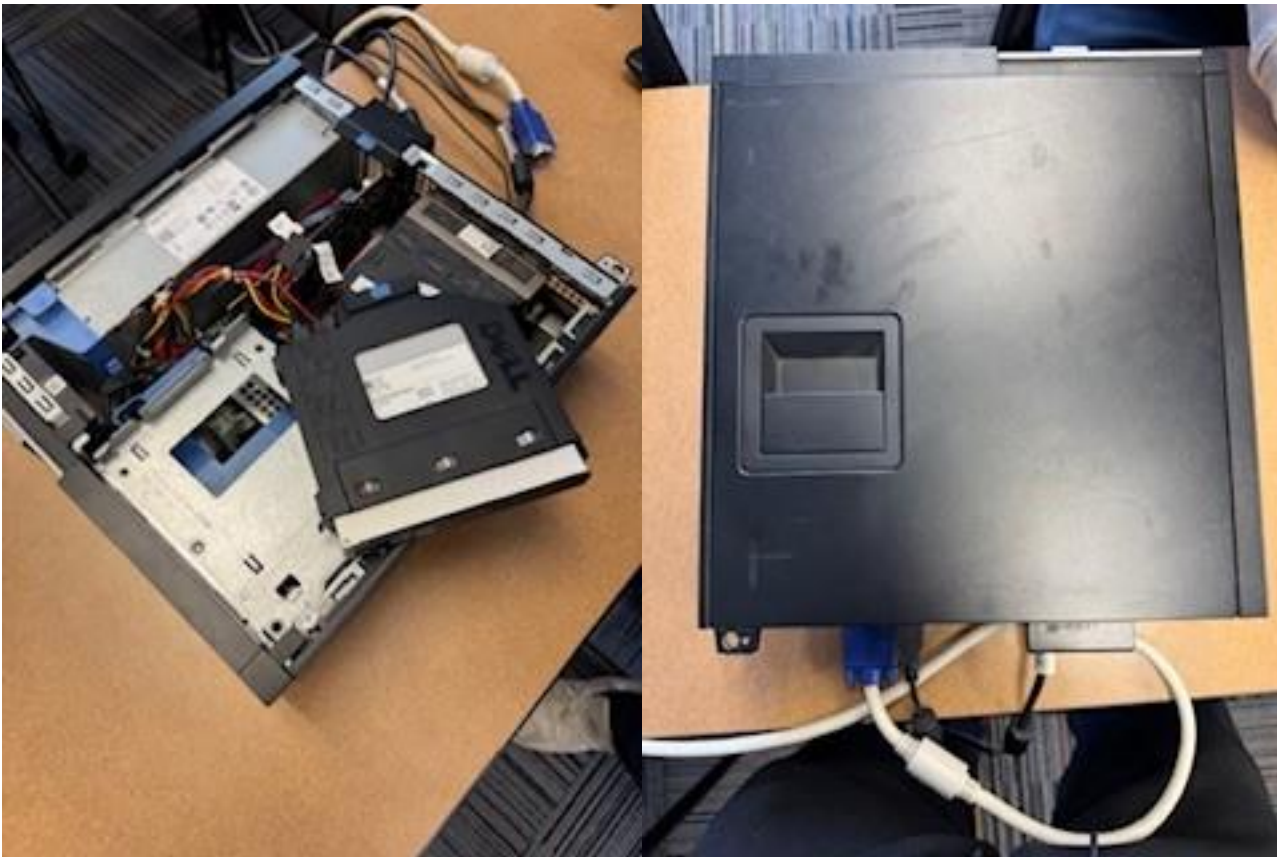
8. Once Windows has been installed show the hard drive partition information and local users installed on the system Administrator/DefaultAccount, Guest/pitt. **No other local user.**
- Hint: Which Windows utilities provide this information? Computer Management, but this time the computer management doesn't show; therefore, I will need to use command prompt.



9. The customer needs the PC to work with their existing HDMI monitor. What is your suggestion to meet this request? I would Recommend getting a HDMI to Display Port cable because the pc supports Display port.

Re-Install PC Components & Clean-up (5 points)

Carefully re-install the PC components that you previously removed (i.e. re-install the hard drive from the PC you borrowed it from). Clean up your work area and place the PC(s) back in the storage cabinet and/or cart.



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