LAB-04, POWERSHELL

Professor: Dennis Simpson.

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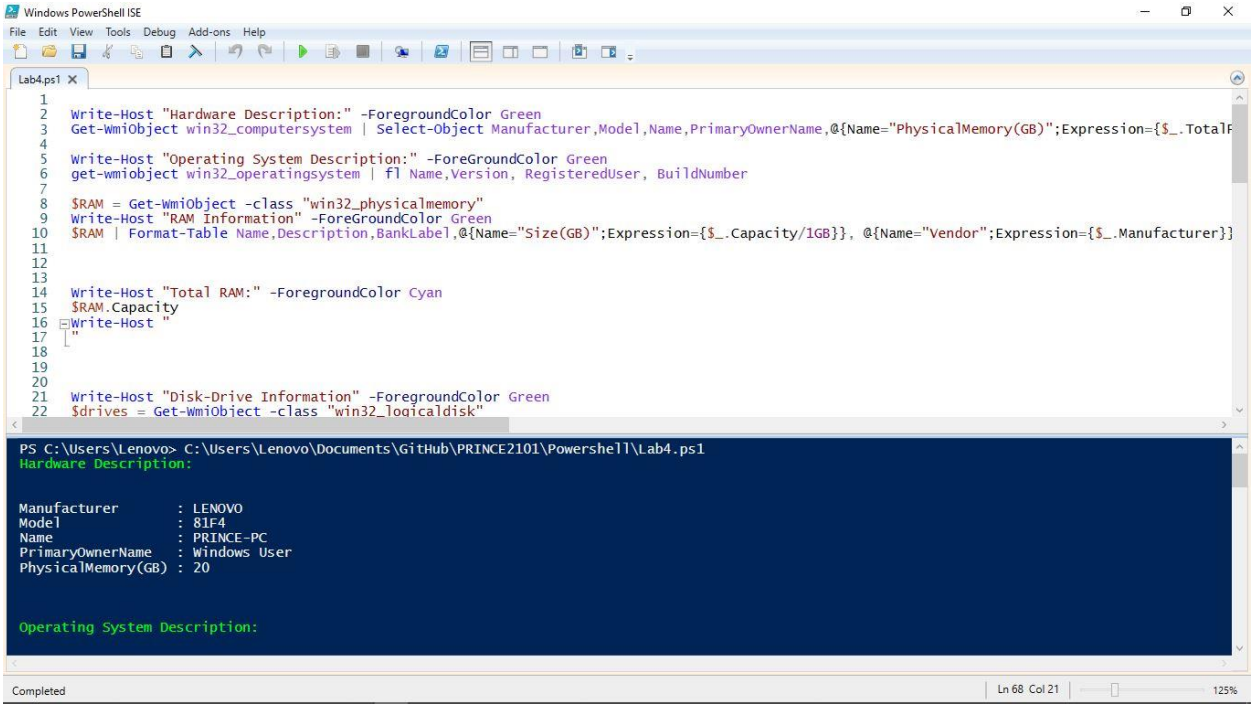
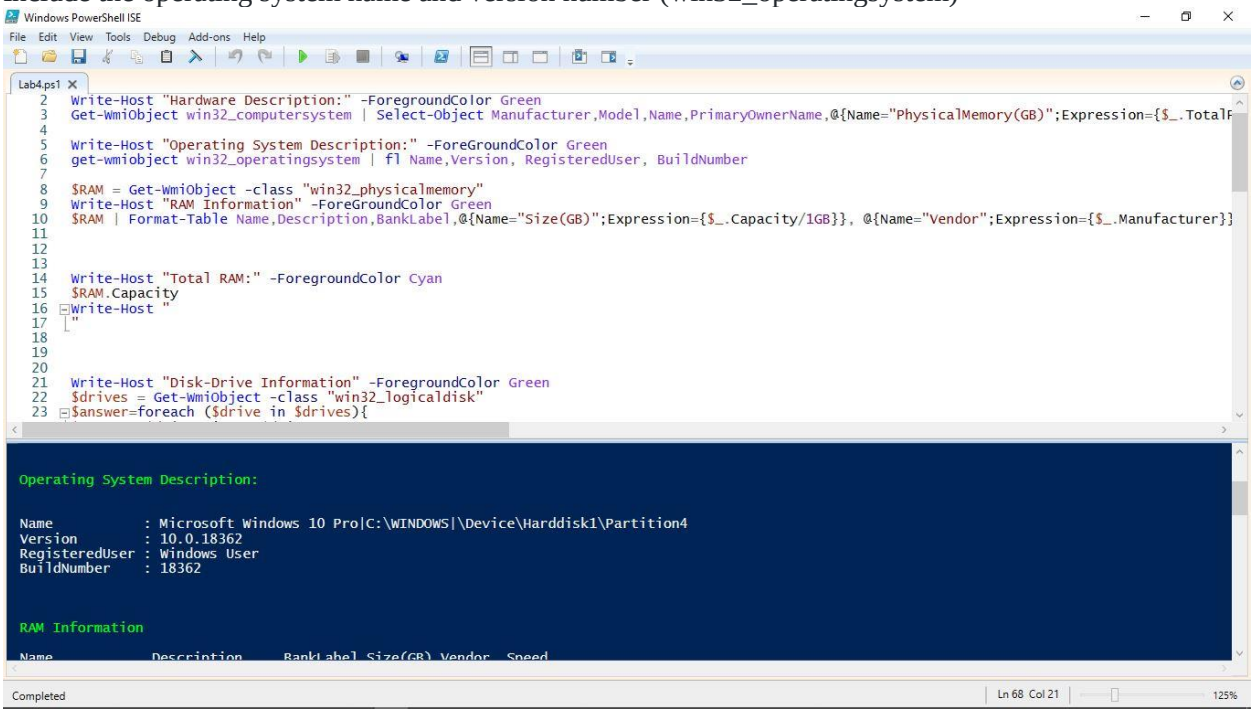
1. Create a system information script to report several items of information about the running system

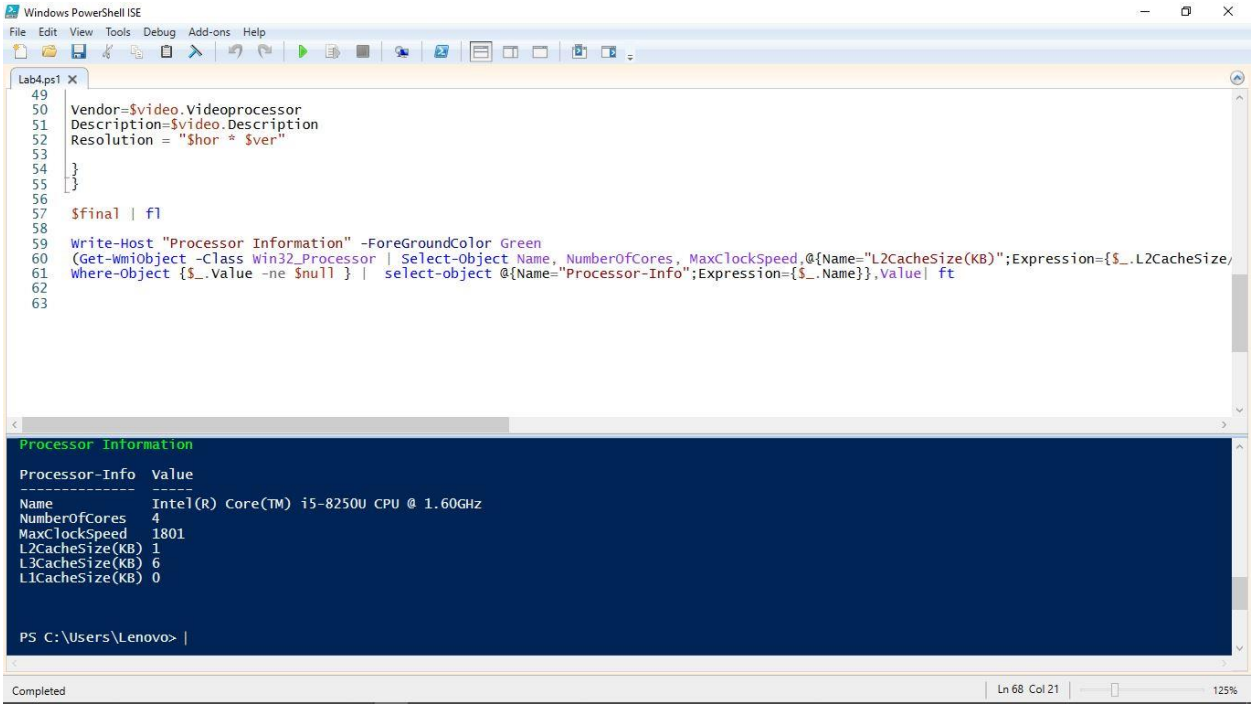
- Include the system hardware description (win32_computersystem).



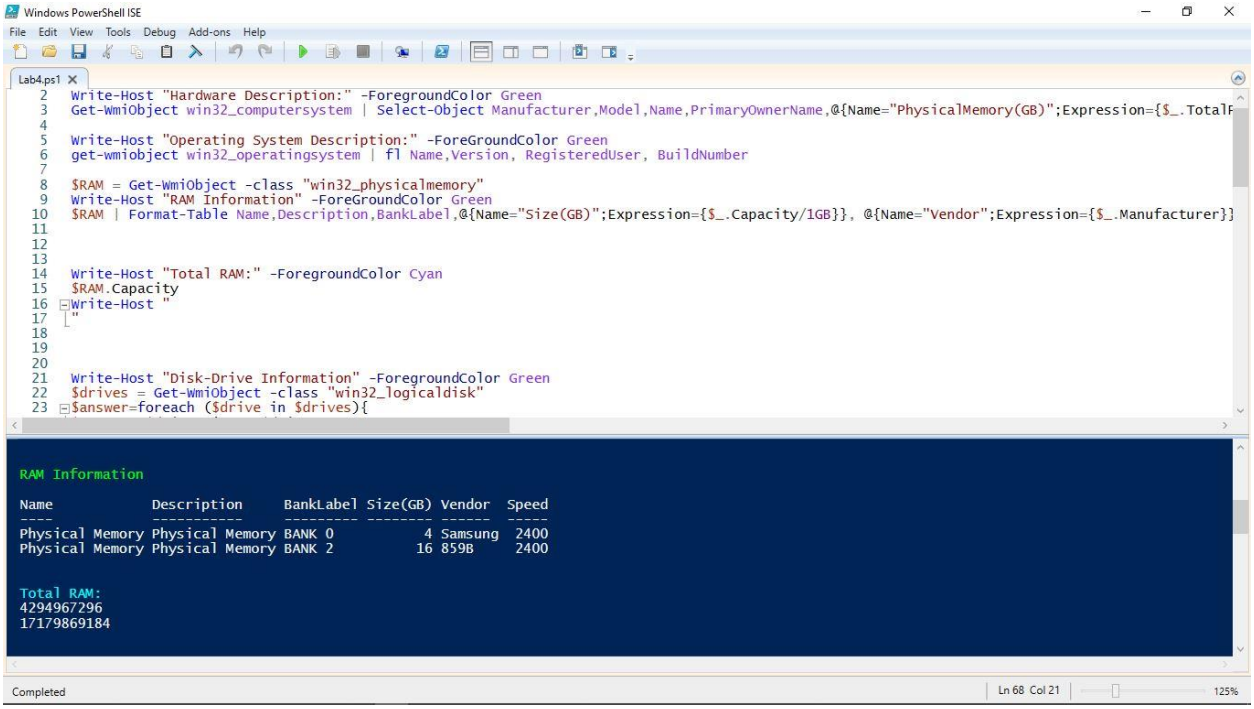
- Include the operating system name and version number (win32_operatingsystem)



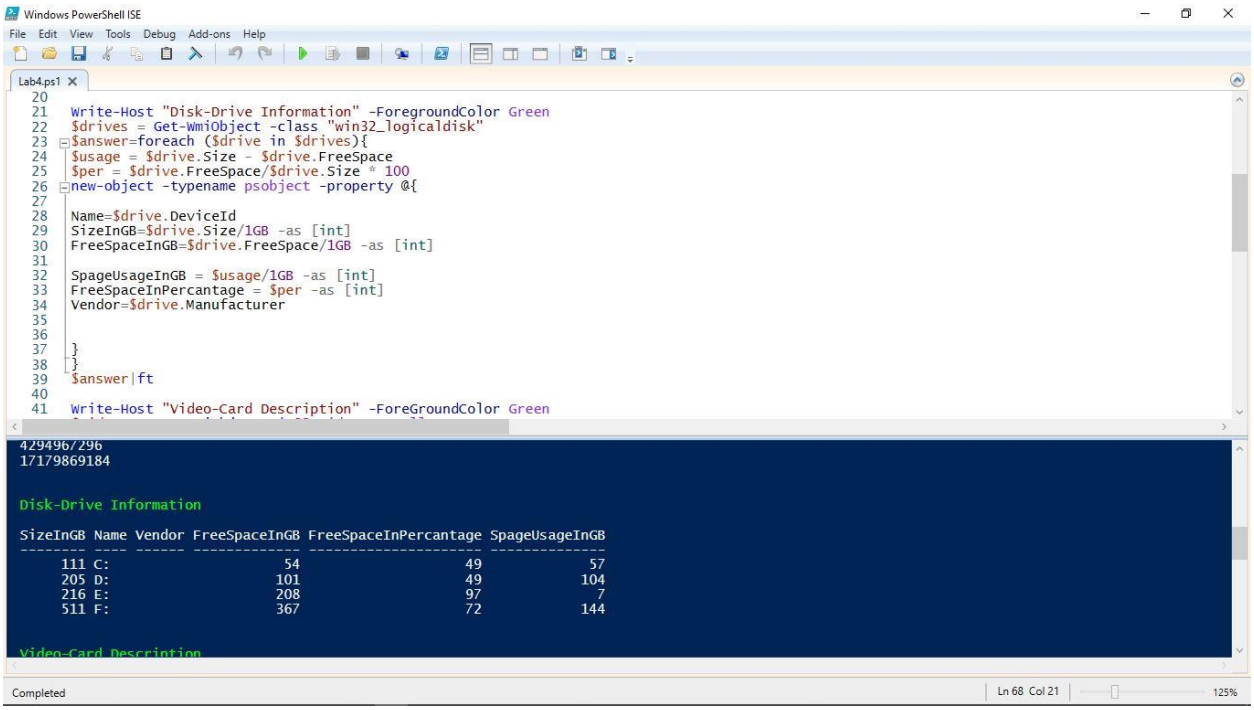
- Include processor description with speed, number of core, and sizes of L1, L2, and L3 cache (do not show empty properties)(win32_processor)



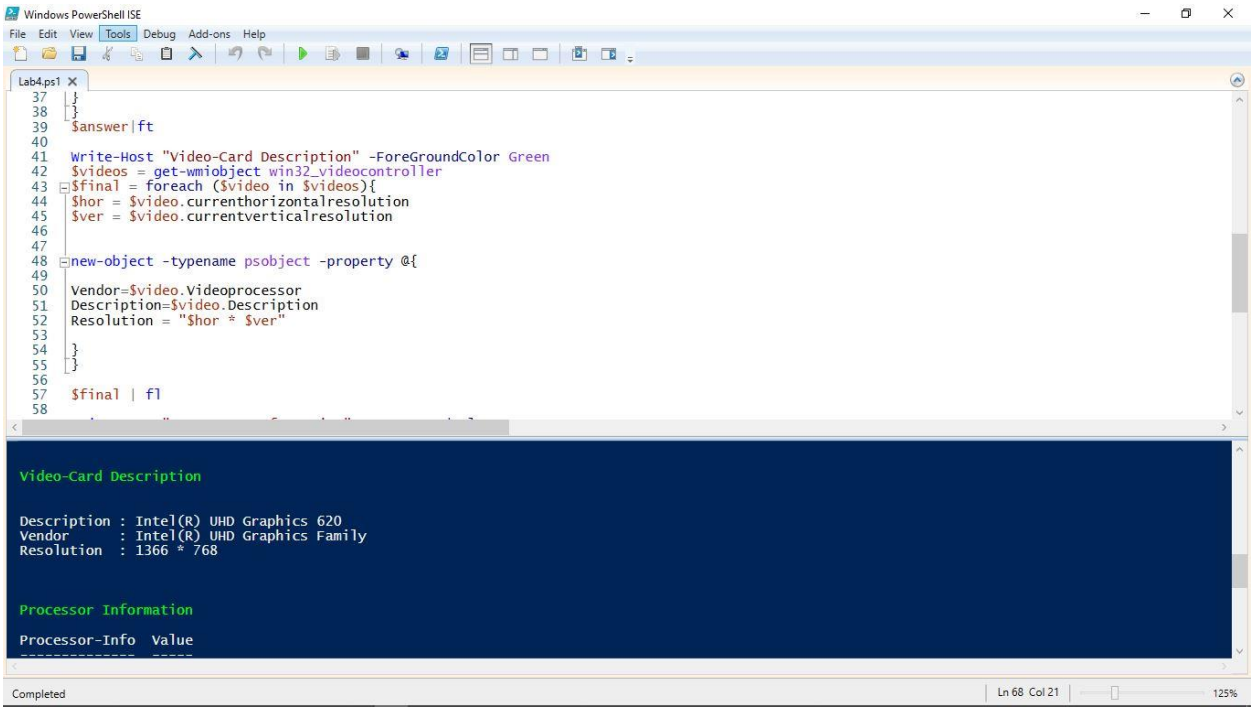
- Include a summary of the RAM installed with the vendor, description, size, and bank and slot for each DIMM as a table and the total RAM installed in the computer as a summary line after the table (win32_physicalmemory)



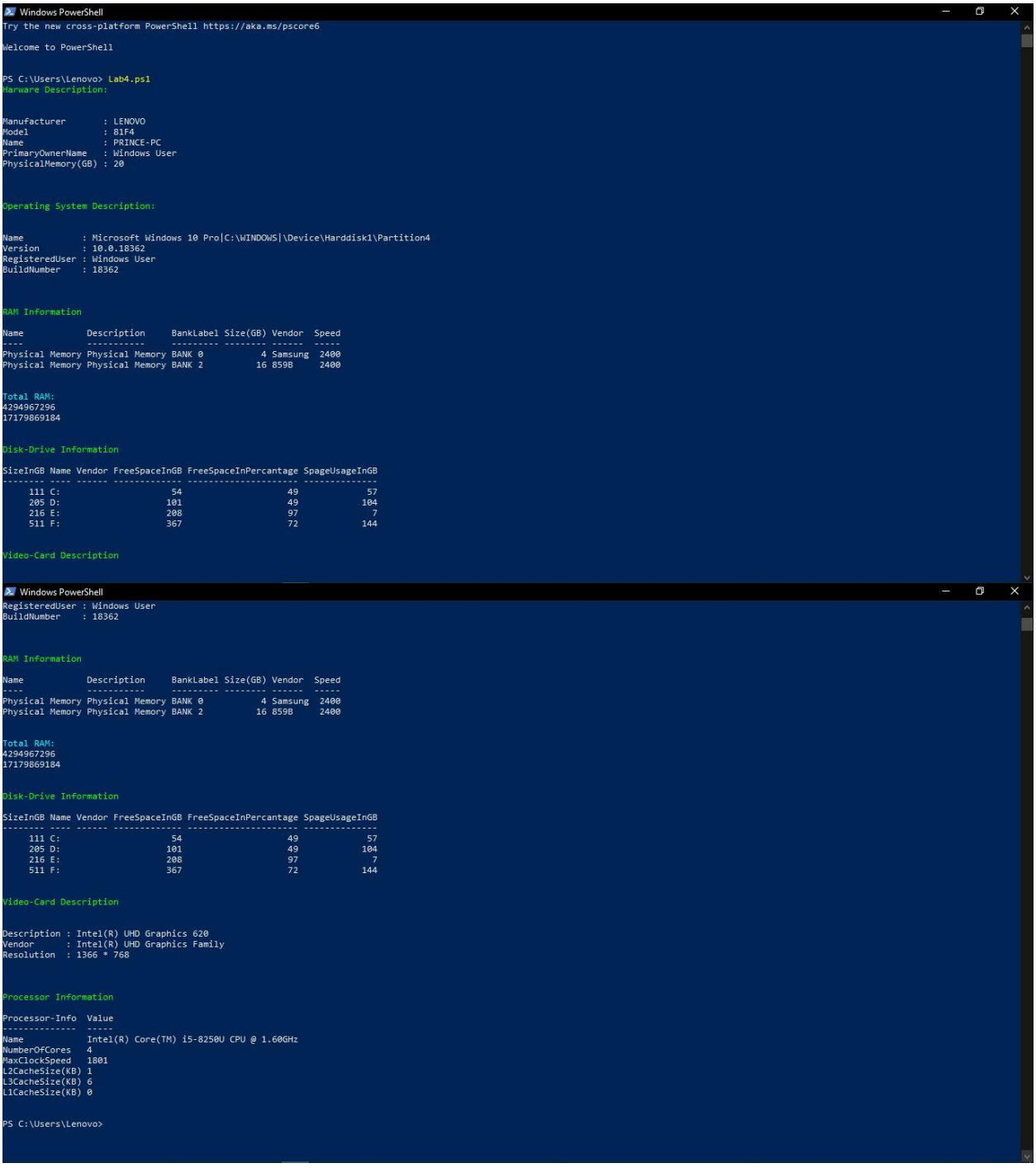
- Include a summary of the physical disk drives with their vendor, model, size, and space usage (size, free space, and percentage free) of the logical disks on them as a single table with one logical disk per output line (win32_diskdrive, win32_diskpartition, win32_logicaldisk). You will need to use a nested foreach something like this: ```powershell $diskdrives = Get-CIMInstance CIM_diskdrive



- Include the video card vendor, description, and current screen resolution in the format horizontalpixels x verticalpixels (win32_videocontroller)



Screenshot of the LAB;



END OF LAB.

Respected Professor, I have attached my script as well. Thank you.