```
PS C:\Users\zacharylourenco> sysinfo.ps1
Hardware Report:

description
-----------
ARM processor family


Operating System Report:

name                                                version
----                                                -------
Microsoft Windows 11 Pro|C:\Windows|\Device\Harddisk0\Partition3 10.0.22000


Processor Report:

description                          CurrentClockSpeed NumberOfCores L1CacheSize L2CacheSize L3CacheSize
-----------                          ----------------- ------------- ----------- ----------- -----------
ARMv8 (64-bit) Family 8 Model 0 Revision  0                3200           1                                      0
ARMv8 (64-bit) Family 8 Model 0 Revision  0                3200           1                                      0
ARMv8 (64-bit) Family 8 Model 0 Revision  0                3200           1                                      0
ARMv8 (64-bit) Family 8 Model 0 Revision  0                3200           1                                      0


RAM Report:

manufacturer description      capacity BankLabel TotalWidth
------------ -----------      -------- --------- ----------
             Physical Memory 4294967296                32


Physical Memory Report

Drive Manufacturer          Location           Size(GB)
----- ------------          --------           --------
C:    (Standard disk drives) Disk #0, Partition #1     256
IP config Report:



description                    index ipaddress
-----------                    ----- ---------
Parallels VirtIO Ethernet Adapter     1 {10.211.55.5, fe80::263d:8c22:c573:4aa8, fdb2:2c26:f4e4:0:10b1:e694:b7fc:d37d}



ipsubnet                dnsdomain   dnsserversearchorder
--------                ---------   --------------------
{255.255.255.0, 64, 64} localdomain {10.211.55.1}


Video Card Report:

description                    CurrentHorizontalResolution CurrentVerticalResolution
-----------                    --------------------------- -------------------------
Parallels Display Adapter (WDDM)                    1592                      1291


PS C:\Users\zacharylourenco>
```

```powershell
#lab4 - sysinfo.ps1
#
#Include the system hardware description (win32_computersystem)
#
"Hardware Report:"
get-ciminstance win32_computersystem |format-table -autosize description
#
#
#Include the operating system name and version number (win32_operatingsystem)
#
"Operating System Report:"
get-ciminstance win32_operatingsystem |format-table -autosize name, version
#
#
#Include processor description with speed, number of cores, and sizes of the L1, L2, and L3 caches if they are present (win32_processor)
#
"Processor Report:"
get-ciminstance win32_processor |format-table -autosize description, CurrentClockSpeed, NumberOfCores, L1CacheSize, L2CacheSize, L3CacheSize
#
#
#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)
#
"RAM Report:"
get-ciminstance win32_physicalmemory | format-table -autosize manufacturer, description, capacity, BankLabel, TotalWidth
#
#
"Physical Memory Report"
$diskdrives = Get-CIMInstance CIM_diskdrive

    foreach ($disk in $diskdrives) {
        $partitions = $disk|get-cimassociatedinstance -resultclassname CIM_diskpartition
        foreach ($partition in $partitions) {
            $logicaldisks = $partition | get-cimassociatedinstance -resultclassname CIM_logicaldisk
            foreach ($logicaldisk in $logicaldisks) {
                    new-object -typename psobject -property @{Manufacturer=$disk.Manufacturer
                                                              Location=$partition.deviceid
                                                              Drive=$logicaldisk.deviceid
                          |                                   "Size(GB)"=$logicaldisk.size / 1gb -as [int]
                                                              }
                }
            }
        }
    }
#
#
#Include your network adapter configuration report from lab 3
#
"IP config Report:"
ipconfigreport
#
#
#
#include the video card vendor, description, and current screen resolution in this format: horizontalpixels x verticalpixels (win32
_videocontroller)
#
"Video Card Report:"
get-ciminstance win32_videocontroller | format-table -autosize description, CurrentHorizontalResolution, CurrentVerticalResolution
```