**OPS102 – Week 1 – Lab Name: Chetan Arora ID: 100976240**

We’re surrounded by computers! Let’s find out what operating systems they are running. To perform this lab, you’ll need to do some investigation and research.

1. **Laptop/Desktop Computer**  
   Select your laptop or desktop computer, or a Seneca desktop in a lab or computing commons.  
   1. What operating system is this computer running? **Microsoft Windows 10 Pro**
   2. What version of that operating system? **10.0.19045**
   3. What build or update of that version?  **19045**
   4. Is this primarily a proprietary or open-source operating system? **Proprietary**
   5. Identify at least one piece of open-source software that forms part of that operating system. What is the name of that software?   
        
      **VLC media player** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
        
      Under which open source license is that software provided?  
        
      **General Public License Version 2** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   6. When was the version released? **July 15,2015**
   7. When is support for that version of the operating system scheduled to end?

**October 14,2025**  
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* 1. How do you access the GUI of that operating system? How do you access the CLI?  
       
     GUI: **Its by default, the bottom of windows screen giving me access to the Start Menu and several application icons.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
       
     CLI: **Press Windows key + R to open the Run window, then type cmd and click OK.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Consumer Electronics Device**  
   Select a consumer electronics device that you own, such as a smartphone, TV, streaming media player, or router. If you don’t own a suitable device, research one that you would like to own!  
   1. What is the device brand, name, and model? **Vivo 1820**
   2. What operating system is it running? **Android**
   3. What version of that operating system? **8.1.0**
   4. What build or update of that version? **PD1818HF\_EX\_A\_1.72.5**
   5. Is this primarily a proprietary or open source operating system? **Open Source**
   6. Identify at least one piece of open source software that forms part of that operating system. What is the name of that software?  
        
      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**LineageOS**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   7. Under which open source license is that software provided?  
        
      **Apache License 2.0**
   8. How can you obtain the source code for the open source portions of the operating system?  
      **From official website of Android Open Source Project (AOSP) i.e https://source.android.com**  
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