

## CYBER SECURITY OUTSTANDING PROJECTS

1. Use Wireshark to see traffic, in terms of source/destination IP address/ports, is going through your computer. Mention and document the traffic using snapshots that you see when all applications are closed, except background applications, in tabular form.
2. Use Google Apps Toolbox to review email headers  
<https://toolbox.googleapps.com/apps/messageheader/>
3. Download “**Nessus Professional**” software tool (A Port Scanner) from the link <https://www.tenable.com/> and install in your system. You can sign-in for a free trial and download for your laptop or desktop OS compatible version. Install in your computer and use the configuration user guide and configure:
  - a. Use Nessus tool and scan your entire OS and identify what are all the ports that are open.
  - b. List at least 10 applications and the corresponding ports used by them.
  - c. List the Network Protocol that each of the applications uses.