

Assignment 3 – 100 marks

1. Use specific open source software (LucidChart or Creately or SmartDraw) create
 1. a specific PAN you have at home **[10 marks]**
 2. a small LAN you would like to set in an office **[10 marks]**
 1. Show which topology you would use (BUS/STAR/RING) **[5 marks]**
 3. a small WAN within a small village **[15 marks]**write down some specifications for each of the network you design. **[10 marks]**
2. Explain how you secure your personal computer/laptop against viruses – give print screen of your settings on your desktop computer/laptop
 1. Compare three different firewalls available **[15 marks]**
 2. Compare three different antivirus software **[15 marks]**
 3. Which firewall you choose and why. **[5 marks]**
 4. Which antivirus you would install and why. **[5 marks]**
3. Explain with the help of diagrams how you would keep your computer clean. **[10 marks]**
 1. What measures you would take – use screenshot to prove the measures you are taking. **[10 marks]**

You may use your own words either in English or French to answer the assignment.

Your assignment should include the following:

- 1- Cover page,
- 2- Pictures and text
- 3- Well formatted assignment (Align Justify)
- 4- Font type – Century Gothic or Times New Roman
- 5- Font size
 - a. inside text 12
 - b. heading font size increase by one from inside text
- 6- Headings, titles and sub titles
- 7- Header/footer
- 8- Page number
- 9- References for any pages/document visited
- 10-Save as PDF
- 11- Name of file when saved – e.g. Assignment3_Smith