PRACTICAL 3: BASIC UNDERSTANDING ON FREE AND OPEN-SOURCE SOFTWARE

A) Describe Open Source Software with Example.

Open source software is software with source code that anyone can inspect, modify, and enhance. Open source code is usually stored in a public repository and shared publicly. Anyone can access the repository to use the code independently or contribute improvements to the design and functionality of the overall project.

Some widely used programs, platforms, and languages which are considered open source are:

● Linux operating system
● Android by Google
● Open office
● Firefox browser
● VCL media player
● Moodle

B) Describe Free Software with Example.

Freeware is software that you don't have to pay for. Free software is software you are free to modify and use for your own purposes. Freeware does not necessarily have to be free software as the source code can still be protected. "Free software" means software that respects users' freedom and community. Roughly, it means that the users have the freedom to run, copy, distribute, study, change and improve the software.

Free Source Software Example:

1.Linux

2.Apache

3.Google Chrome

4.Internet Explorer

5.Whatsapp

C) Difference between Free and Open Source Software.

1.Free Software is Open Source Software, but Open Source software may not necessarily be Free Software.
2. Open Source allows the coder more control over his program compared to Free Software.
3. Open Source software can work with other proprietary software, while Free Software does not allow the same.