Practical 3

Title ; Basic understanding on Free and Open-Source Software

a) Describe Open-Source Software with examples ?

Open-Source Software is a non-proprietary software that allows anyone to modify, enhance, or simply view the source code behind it. It can enable programmers to work or collaborate on projects created by different teams, companies, and organizations.

There are many examples of open-source software available online, with many popular applications allowing improvements and modifications from users.

- LibreOffice
- Mozilla Firefox
- VLC Media Player

b) Describe Free Source Software with examples ?

Free Source Software is computer software distributed under terms that allow users to run the software for any purpose as well as to study, change, and distribute it and any adapted versions. Free Software is a matter of liberty, not price all users are legally free to do what they want with their copies o a free software regardless of how much is paid to obtain the program.

There are thousands of free applications and many operating systems available on the internet.

- Linux kernel
- GNU Compiler Collection
- KDE Plasma

c) Differentiate between Free and Open-Source Software

FREE SOURCE	OPEN SOURCE
1. Free source is a social movement	1. Open source is a development methodology
2. Freedom to run program for any purpose	2. It has distribution of License
3. Freedom to study about program	3. Availability of Source code
4. Freedom to distribute copes of software	4. Free Distribution
5. Freedom to modify/improve program and release improvements to public	5. Integrity of Authors Source Code