

### Practical 3

a) Describe Open Source Software with Example?

→ Open source software is software with source code that anyone can inspect, modify, and enhance.

"Source Code" is the part of software that most computer user don't ever see, its the code computer programmers can manipulate to change how a piece of software - a "program" or "application" - works. Programmers who have access to a computer programs' source code can improve that program by adding features to it or fixing parts that don't always work correctly.

Examples - Mozilla Firefox, VLC Media Player, Libre Office.



2) Describe Free Software with example.

→ "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. Thus, "free software" is a matter of liberty, not price. To understand the concept, you should think of "free" as in "free speech", not as in "free beer". We sometimes call it "libre software", borrowing the French or Spanish word for "free" as in freedom to show we do not mean the software is gratis.

Examples :- Linux Kernel, Apache, The Gimp, PostgreSQL

3.) Difference between Free and Open Source Software?

Free Software	Open Source Software
1.) Software is an important part of people's lives.	1.) Software is just software. There are no ethics associated directly to it.
2.) Software freedom translates to social freedom.	2.) Ethics are to be associated to the people not to the software.
3.) Freedom is a value that is more important than any economical advantage.	3.) Freedom is not an absolute concept. Freedom should be allowed, not imposed.
4.) Eg:- Linux Kernel, The Gimp.	4.) Eg:- Mozilla Firefox, VLC Media Player.