

# \* BASIC UNDERSTANDING ON FREE AND OPEN SOURCE SOFTWARE

a) Describe open-Source Software (with example)

Open Source Software is a platform where anyone with source can inspect, modify and enhance

"Source code" is the part of Software that most computer users don't even see, it's 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 program source code can improve that program by adding feature to it or fixing parts that don't always work correctly

Examples :- Mozilla Firefox, VLC media player, Libre office.

Date

b) 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 a "free beer". We sometime 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.

example: Linux kernel Apache, The gimp  
PostgreSQL



## C) 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