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## Roll- 11

# Practical-3

TITLE – BASIC UNDERSTANDING ON FREE AND OPEN SOURCE SOFTWARE

1. Describe open source software with example ?

Answer:- open source software (OSS) is software that is distributed with its source code, making it available for use , modification ,and distributing with its original rights. Source code is a part of software that most computer users don’t ever see ; it’s the code computer programmers manipulate to the controls how a program or application behaves . programmers who haves access to source code can typically includes a license that allows programmes to modify the software to best fit their needs and controls how the software can be distributed.

Example :- GNU/linux

Mozilla firefox

VLC media player.

Sugar Cms .

Gimp.

VNC

Apache web sever.

Libre office

J Query.

1. Describe free source software with example ?

Answer:- Free software is software that can be freely used, modified , and redistributed with only one restricted : any redistributed version of the software must be disturbed with the original terms of free use, modification , and distribution (known as copy left) .The definition of free software is stipulated as part of the GNU Project and by the free software foundation . free software may may be packaged and distribute for a fee; the “Free” refers to the ablity to reuse it,modified or unmodified . as part of another software package . As part of ability to modify , users of the free software may also have access to and study the source code . The concept of free software is is the Brainchild of Richard Stallman, head of GNU project. The best known example of free software is linux, an operating system that is proposed as an alternative to windows or other proprietary operating system . De bian is an example of disterbutor of a linux package . free software is easily confused with freeware . a term describing soft ware that can be freely downloaded and used by which may contain restriction for modification and resuce

Example :- There are thousands of free application and may operating system available on the internet .Users can easily download and install those application via a package manager that comes included with most lunix distribution .The free software Directory maintain a large data base of free software package .some of best known example include the linux Kernel , the BSD and linux operating system . The GNU Compiler collection and C libary ; the mySQL relational database ; the Apache web sever ; and the send mail transport agent . other influential examples includes the Emacs text editor; the GIMP raster drawing and image editor ; the x windows System graphical – display system ; the libre office suite ; and tex and laTEX typesetting system.

1. Difference free and open source software ? Answer:-

Free software:-

1. Software is an important part of people‘s livies.
2. Software freedom translate to social freedom.
3. Freedom is value that is more important than any economical advantage.
4. Example : The free software Directory maintain a large database of free-software packages. Some of the best-known examples include the linux kernel, the BSD and Linux operating systems, the GNU Compiler collection and c library; the MySQL relational database . the apache web sever; and the send mail transport agent.

Open source software :-

1. Software is just software . There are no ethics associated directly to it.
2. Ethics are to be associated to the people not to the software.
3. Freedom is not an absoulate concept. Freedom should br allowed , not imposed .
4. Examples: Prime example of open-source products are the apache HTTP sever , the e-commerce plate form OS commerce , internet browser Morizilla firefox and Chronium (the project where the vast majority of development of the freeware Google Chrome is done ) and the full office suite Libre office.