Assignment - 1

1. What is free Software?

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- Free 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 adapted versions.

- To do the modification and study, author of free software having the right to access its Source code.

- Particularly for computer programs, it covered by the copyright law to gets with software license.

- The Software is not covered by copyright law, Such software in the public domain is free if the Source code of free software is in the public domain or we can say that, it is available with out any restriction.

∴ Explain OSD (open source initiative)

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- The open source Initiative (OSI) is an organization committed to sponsor open source software.

- The open source initiative organisation was founded in February 1998 by the Bruce posens and Eric S. Raymond.

- The part of group activated by Netscape Communication corporation publishes the source code.

- Later in the August 1998, the open source source initiative is an organisation added a board of directors.

- The OSI is non-profit corporation whose aim is to promote the use of open source software in the economical world.

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- In OSI certified software distributed license that gurantees the right to modify read, & redistribute and software freely.

- OSI contains the following elements.

1. Source code

2. Distribution of the license

3. Derived work

4. Free redistribution.

- The OSI wrote a document that document is called as open source definition and uses it to determine it to consider as a software license open.

Q.3. Write note on Free and open source Software.

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Open Source Software :-

- It is Software in which code is available to changes or modification for user or everyone called as open Source software.

- It is one part of software that most of the Computer user doesn't see the source code.

- Programmers have to access the source code of computer program to change, add new features or add the correction into old features of source code which does not work correctly sometimes.

- The definition of open source software is released in 1998.

Free Software :-

- Free Software is software that gives the freedom to the users to run the Software for a specific purpose like study, any changes.

- To do the modification and study, author of free software having the right to access its source code.

- particu particularly for computer programs, it covered by the copyright law to gets with Software license.

- The digital rights management and software patents are prohibited to user for their rights and thus Software being free.