

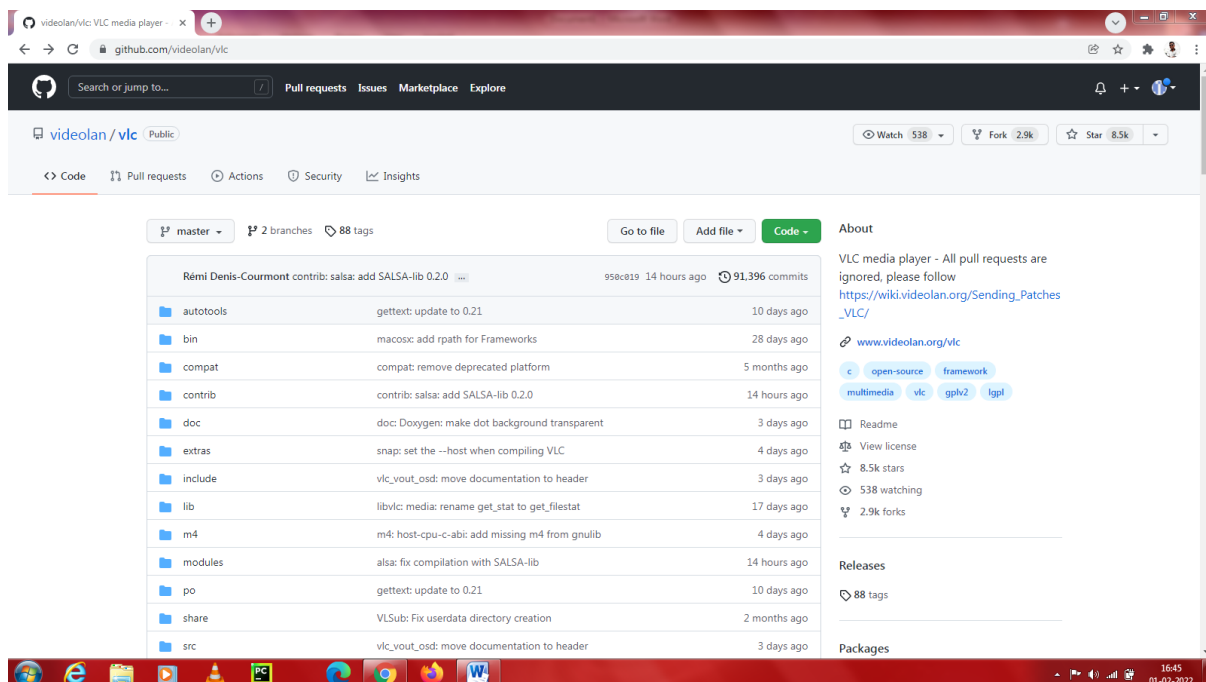
PRACTICAL 3- BASIC UNDESTANDING ON OPEN-SOURCE AND FREE SOFTWARE.

A) DESCRIBE OPEN-SOURCE SOFTWARE WITH EXAMPLE.

Ans- the term open-source refers to something people can modify and share because its design is publicly accessible. So open-source software is software whose source code is publicly accessible and can be modified, enhanced and inspected. Open source code can be used for studying and allows capable end users to adapt software to their personal needs in a similar way user scripts and custom style sheets allow for web sites, and eventually publish the modification as a fork for users with similar preferences, and directly submit possible improvements as pull requests.

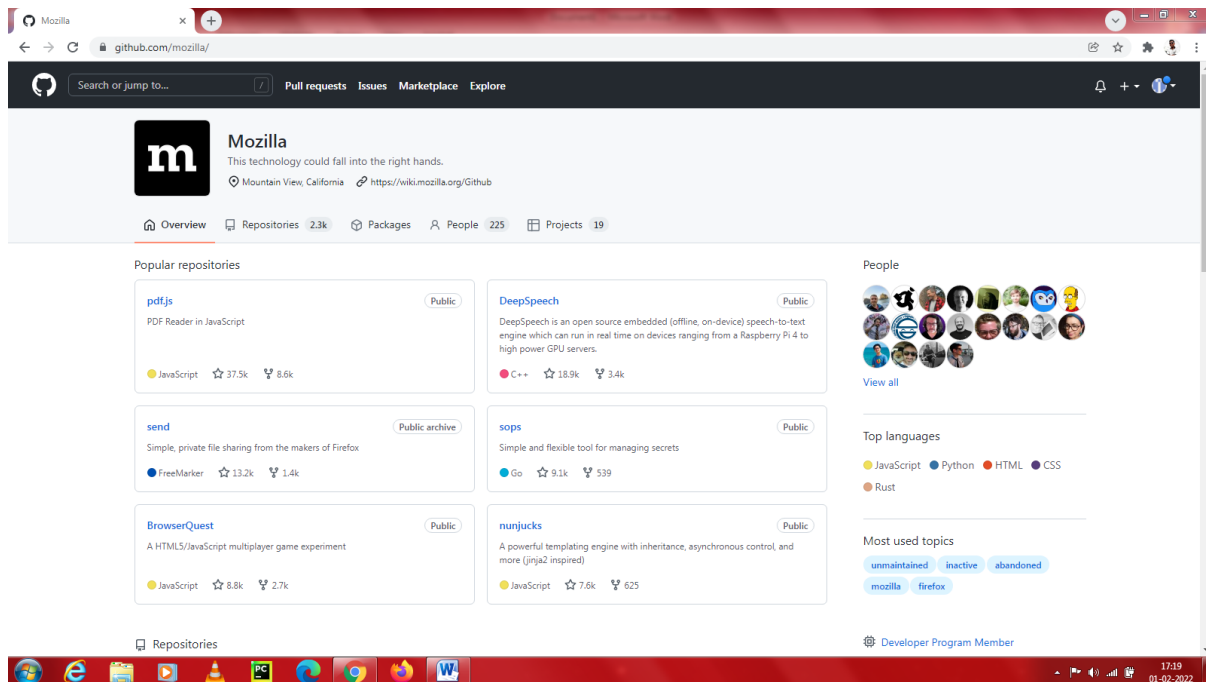
Examples- Vlc media player, Mozilla Firefox

1) Vlc media player- it's an open source cross platform multimedia player and framework that plays most multimedia file. The source code is available on github which can be modified.



VIDEOLAN/VLC REPOSITORY

2) Mozilla Firefox- Mozilla Firefox is free and open source software, built by a community of thousands from all over the world. Firefox is made available to you under the terms of the Mozilla public license.



MOZILLA FIREFOX REPOSITORY

B) DESCRIBE FREE SOFTWARE WITH EXAMPLE.

Ans- free software is computer software distributed under terms that allows users to run the software for any purpose as well as to study, change and to distribute it and adopt any version. Free software is a matter of liberty, not price; all users are legally free to do what they want with their copies of free software regardless how much is paid to obtain the program.

Examples- Adobe reader, Team Viewer

1) Adobe reader- Adobe Reader DC is one of the most popular free PDF readers. Over the years, this software has become the standard choice for sharing, annotating, viewing, printing, and signing PDFs. Compared with other free software available online, it can open a wide range of PDF content, including forms, tables, and multimedia.

2) Team Viewer- Team Viewer is a remote access and remote control computer software, allowing maintenance of computers and other devices.

It was first released in 2005, and its functionality has expanded step by step. Team Viewer is proprietary software, but does not require registration and is free of charge for non-commercial use.

C) DIFFERENCE BETWEEN FREE AND OPEN-SOURCE SOFTWARE.

<u>Free software</u>	<u>Open-source software</u>
1) Freely available but copyrighted.	1) Distribution of license.
2) Freedom to study about program.	2) Availability of source code.
3) Competitor has to build their version from scratch.	3) Merge your feature idea into the app in a given release cycle.
4) You can modify/improve program and release new update.	4) Integrity of authors source code
5) Freedom of information.	5) Better quality Software.