Assignment ~ 3

1. What is SCM (Source code Management)?

→ Source code Management (SCM) is used to track modification to a source code repository. SCM tracks a running history of changes to a code base and helps resolve conflicts when merging updates from multiple contributors. SCM is also synonymous with version control.

2. What is Github?

→ Github, Inc. is a subsidiary of Microsoft which provides hosting for software development and version control using Git.

3. what's the git command the downloads your repository from GitHub to your computer?

→ The "clone" command downloads an existing Git repository to your local computer. you will then have a full-blown, local version of that Git repo and can start working on the project. Typically, the "original" repository is located on a remote server, often from a service like GitHub, Bitbucket, or Gitlab).

4. what is the difference between git and github?

→ Simply Put, Git is a version control system that lets you manage and keep track of your source code history.

GitHub is a cloud-based hosting service that lets you manage and keep Git repositories. If you have open-source projects that use Git, Then GitHub is designed to help you better manage them.

5. What is wikipedia?

→ Wikipedia, free Internet-based encyclopedia, started in 2001, That operates under an open-source management style. It is overseen by that nonprofit Wikimedia Foundation. Wikipedia uses a collaborative software known as Wiki that faca facilitates the creation and development of articles.

6. How to Contribute in wikipedia? write the steps.

→ There are lots of way to contribute to wikipedia. Here are Some ideas for getting started :

1. check facts and references.
2. Add references.
3. Add images.
4. Write a new article.
5. Expand an existing article.
6. copy edit an article.

7. Write a note on the open source ecosystem.

→ Open source software (OSS) and software ecosystem (SECOs) are two consolidated resasch areas in sofware engineering. SECOs have emerged as a pasadigm two to undesstand dynamics and heterogeneity in collaborative software development. For this season, SECOs appear as a valid instrument to analyze OSS systems.

8. What is open source hardware?

→ Open-source hardware consists of physical astifacts of technology designed and offered by the open-design movement. Both free and open-source software (FOSS) and open-source hardware are created by this open source culture movement and apply a like concept to a variety of components.

9. Write a note on Drupal?

→ Drupal is a free and open-source web content management framework written in PHP and disturbuted under the GNU General Public License.

10. What is closed source?

→ Proprietary software, also known as non-free software or closed source software, is computer software for which the software's publish or another pesson retains intellectual property rights, usually copysight of the source code, but sometimes patent rights.