1.What is open source tool?

Open source software (OSS) is **software that is distributed with its source code, making it available for use, modification, and distribution with its original rights**.

2. What is paid tool?

Paid tools that are distributed with its source code,making it available for use,modification,and distribution with its original rights on payment process.

3. What is anaconda and why we use it?

Anaconda is an open-source distribution for python and R. It is used for data science, machine learning, deep learning e.t.c

Anaconda is an open-source distribution of the Python and R programming languages for data science that aims to **simplify package management and deployment**.

4. What is difference between version in python?

**Python 3 default storing of strings is Unicode whereas Python 2 stores need to define Unicode string value with “u.”** Python 3 value of variables never changes whereas in Python 2 value of the global variable will be changed while using it inside for-loop.

5. What is difference between .exe file and .setup file?

EXE setups have different parameters based on the tool that was used to create the installer, while some EXE's don't support silent install parameters at all. The EXE file can install an application, but it can also be the program's main executable, whereas MSI files only install applications.

6. What is difference between anaconda navigator and anaconda prompt?

Navigator is a desktop graphical user interface that allows you to launch applications and easily manage conda packages, environments, and channels without using command-line commands.Whereas Anaconda Prompt is a command line interface with Anaconda Distribution.

7.What is the difference between jupyter and spyder tool?

Jupyter is an interactive Python notebook where you can run code, visualize data and include text all in one document, while Spyder is an IDE specifically for scientific programming in Python. Consider Jupyter if you work on data-driven projects where you need to easily present data to a non-technical audience.

8. What is difference between Development, Testing and Deployment?

A developer needs to have programming skills and proficiency at writing code. Development is usually about creating prototypes and testing these prototypes until they are able to function. A tester, on the other hand, is responsible for testing the application and pushing it to its limits.In deployment we use tools to deploy the application in real world.

9. Why we use jupyter terminal ?

Jupyter Notebook allows users to compile all aspects of a data project in one place making it easier to show the entire process of a project to your intended audience.It is also devolper friendly.

10. What is files, running and cluster in juypter?

In files we will create folders to store the programms,excels,e.t.c.

In Running we will know the what programms are running we want to stop the programms we will shut down those.

Cluster is used to give the same kind of work to the group of people.