**Task-15**

**I .Explain the difference between Selenium IDE, Selenium WebDriver, and Selenium Grid**

**Selenium IDE** This can be used by using browser(Chrome, firefox) plugin, I just used to record and play testcases. One of the basic project of Selenium suite.

*Pros* : No coding skills required.

*Cons* : Only happy path testcases can be tested because can't use any loop to do back and forth.

**Selenium WebDriver** This is a solution of above issue as it directly communicate with browser at OS level. there is no need of any server one's code can directly interact with browser.

Selenium grid: Selenium Grid is a part of the Selenium Suite that specializes in running multiple tests across different browsers, operating systems, and machines in parallel. It is achieved by routing the commands of remote browser instances where a server acts as a hub. A user needs to configure the remote server in order to execute the tests.

**3.What is Selenium? How it is useful in Automation Testing?**

**Selenium** is a free open-source automated testing framework used to validate web applications across different browsers and platforms. You can use multiple programming languages like Java, C#, Python, etc to create Selenium Test Scripts. Testing done using the Selenium testing tool is usually referred to as **Selenium Testing**.

**4.What are all Browser driver used in Selenium?**

Supported browsers: Chrome, Firefox, IE, Microsoft Edge, Opera, Safari, etc.