**Maven –** maven is a software project management and build manenegement tool

**Why Maven –**

1. Has central repository to get all the dependency all over the world
2. Distribution of project is simple as don’t need to manage the jars and their version. Once project is shared to someone, he will have all the dependency by pom.xml file ( not to worry about the JARS
3. Maintaining the common structure across the organisation ( src/main/java, src/test/java)
4. Flexibility in iteracting with CI tools
5. Plugins for test framework execution

**Terminologies Used in Maven –**

* **Group ID –** It is the unique identifier of the project.
* **Artifact ID –** It is the sub project identifier of the project.

**(For Example –** Selenium can be used using JAVA, python, Ruby ETC. So there will be group ID wich will identify project as selenium and artifact ID will identify as Selenium JAVA.)

**Command Used To create Maven Project –**

mvn archetype:generate -DgroupId=shivam -DartifactId=Kaushal -DarchetypeArtifactId=msven-archetype-quichstart -DinteractiveMode=false

-**DarchetypeArtifactId –** used to define the template of maven project.

**Importing this project in eclipse -**

To import this project in eclipse, we need to run one command in the directory where src and Pom file is present. This is done because eclipse expect .class file while importing the project.

**mvn eclipse:eclipse**