Week 1 assignment on :Git, Maven, Jenkins.

Configuration:

1. Install JDK8
2. Set environment variable and path(JAVA\_HOME)
3. Create account in a GitHub. (github.com)
4. Create a remote repository in GitHub :
   1. Repository name : JavaFirstProject
5. Install gitbash :( <https://git-scm.com/download/win> )
6. Install maven ( down load binary file from maven site and unzip)
   1. Set environment variable for maven both path and MAVEN\_HOME

Question 1 :

Create java project JavaFirstProject using maven cli modify the command accordingly create a base packate com.sapient.week1

(mvn archetype:generate -DgroupId=com.sapient -DartifactId=java-project -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false)

Add a java class CheckEven and the method public Boolean check(int n); and implement the method.

Create 3-4 test case to test the above method.

Create a local git repository for this project.

Commit the project to local repository.

Push the project to repository created earlier.

Run the maven command to compile , test, package, and execute the project

* (java -cp target/javaproject-1.0-SNAPSHOT.jar com.sapientweek1.App

Java –cp target/.jar filename) pakagename.file to execute