Experiment 4 (Static code analysis with Sonarqube)

1. **Download sonarqube and extract it to the desired folder, iterate to the folder in command prompt in which it is present and reach to StartSonar.bat in bin folder.**

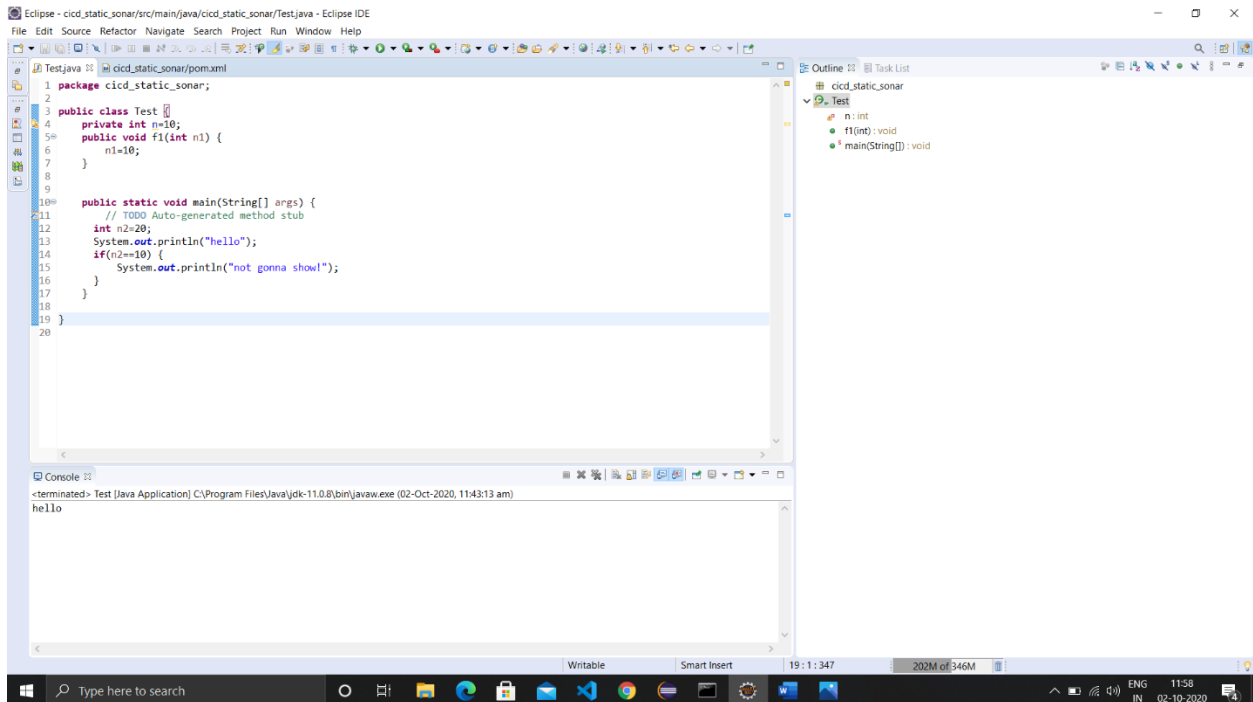2. **Run "StartSonar.bat" in the prompt and wait till all the initializations.**

3. **Open web browser and visit localhost with port number 9000 and login to sonarqube with default credentials (admin).**
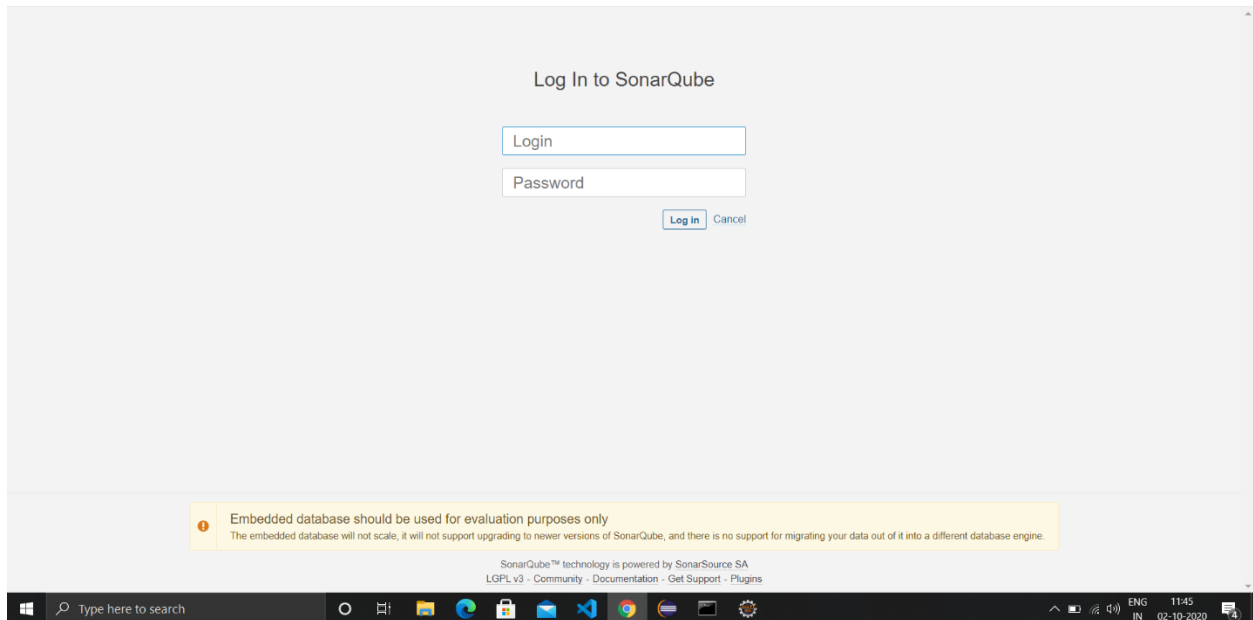
4. **Create a maven project in eclipse with a code with some bugs.**

5. **Iterate to the project folder in command prompt and run following command "mvn clean install sonar:sonar -Dsonar.host.url=http://localhost:9000 -Dsonar.analysis.mode=publish"**

6. **Once the build is successful , visit sonarqube dashboard and refresh and find the project.**

LAB 4

7. Generated report of the project by sonarqube