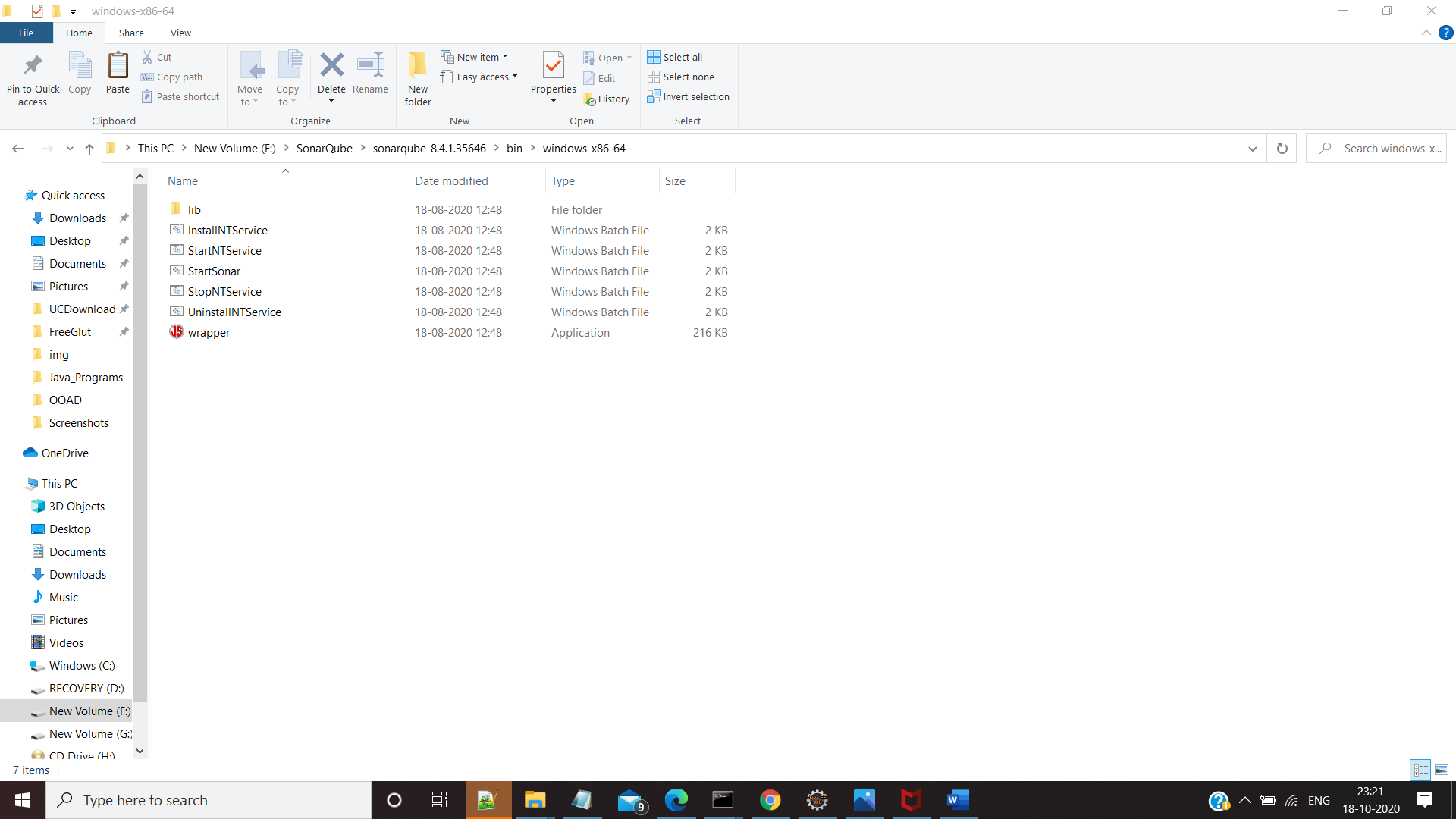
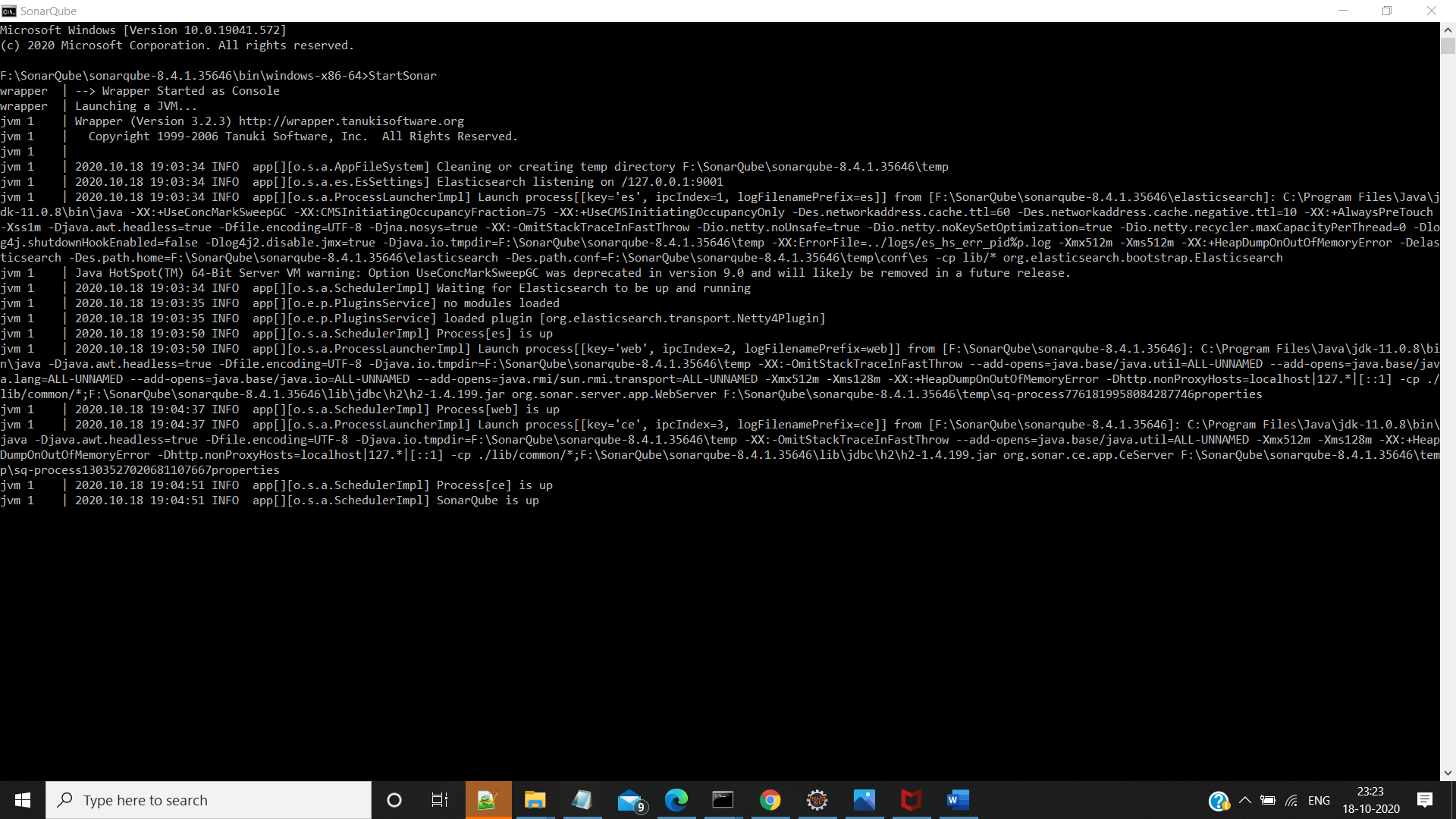
**Experiment 4:Static Code Analysis Using Sonarqube**

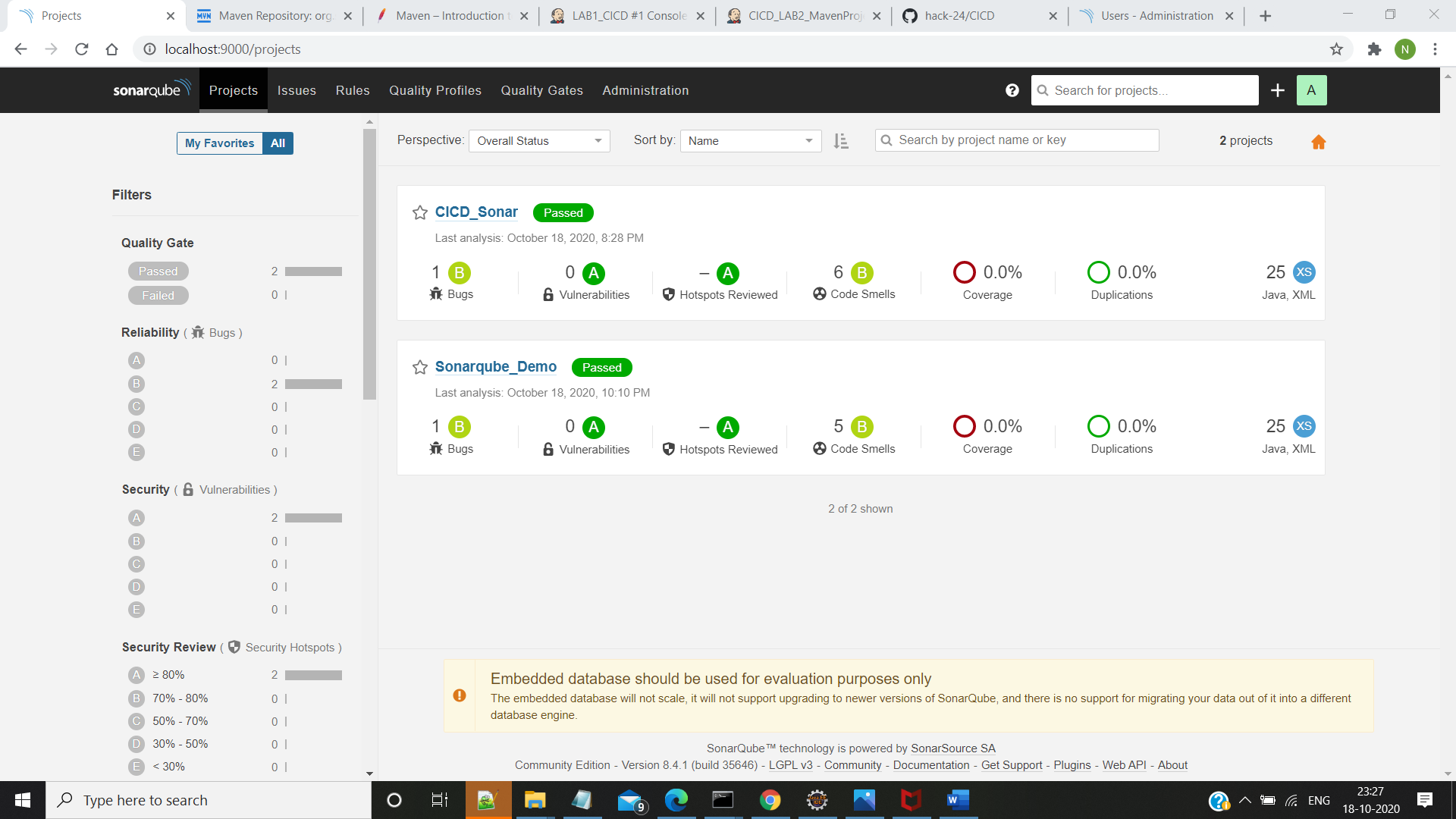
**Step 1:- Navigate to the folder Where You Have Installed StartSonar Batch file**



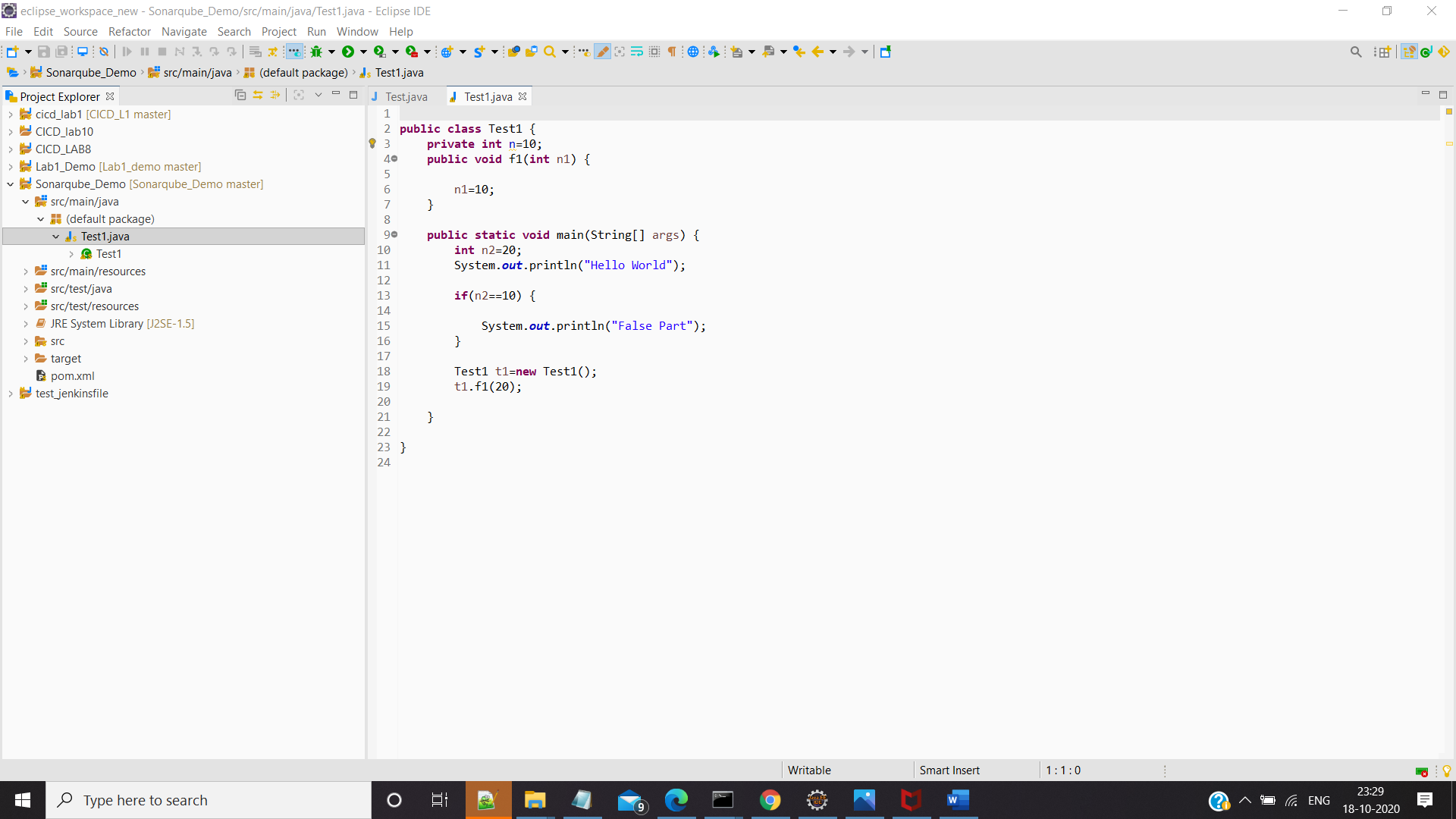
**Step 2: Run StartSonar Command from the Cmd (You Will need jdk 11 for Running Sonarqube Else it Will give an Error)**



**Step 3:Go to The Url** [**http://localhost:9000**](http://localhost:9000) **as it the default port for Sonarqube ,You Will be Redirected to Sonarqube Home Page,login using default id and Password**

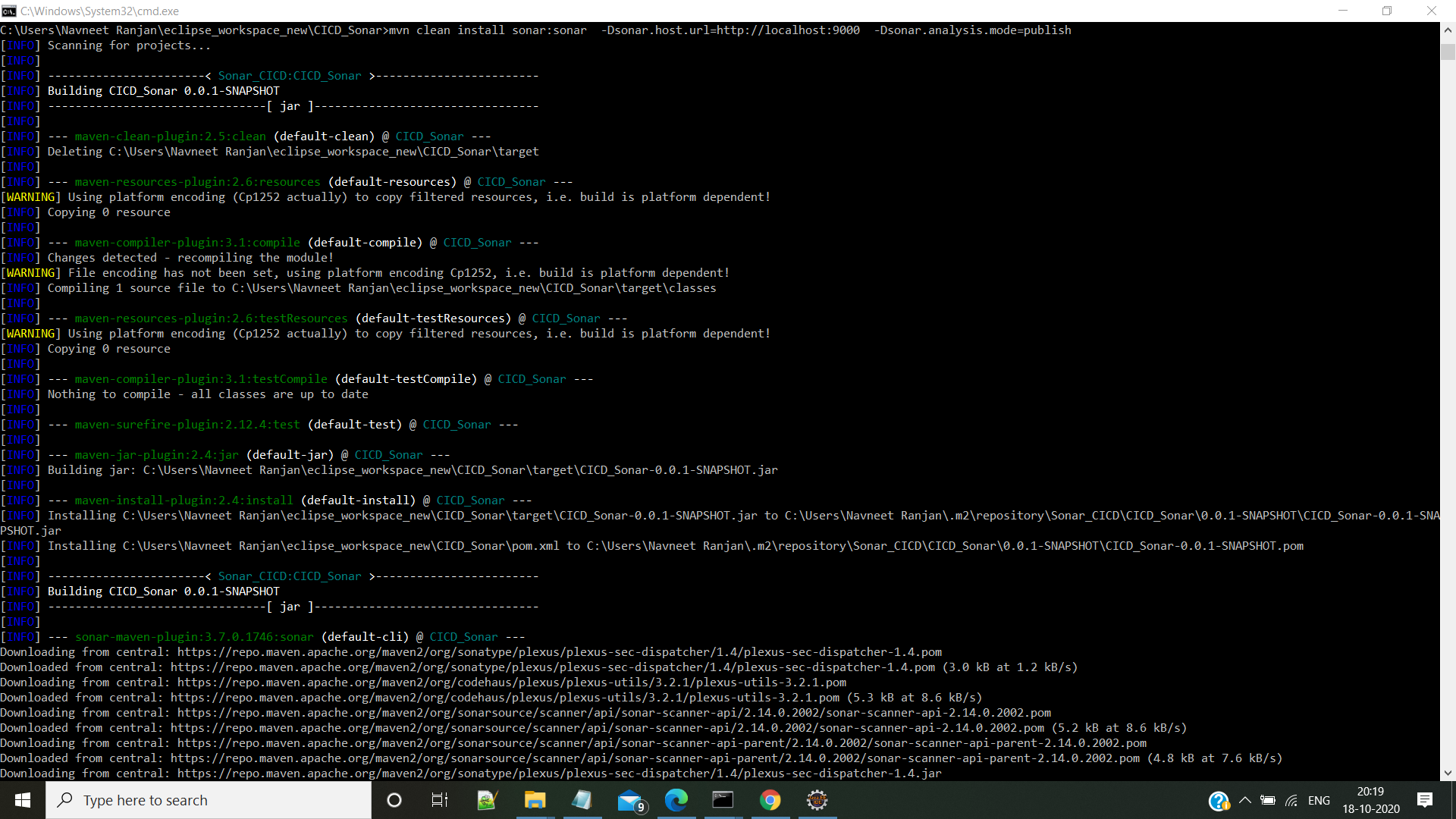
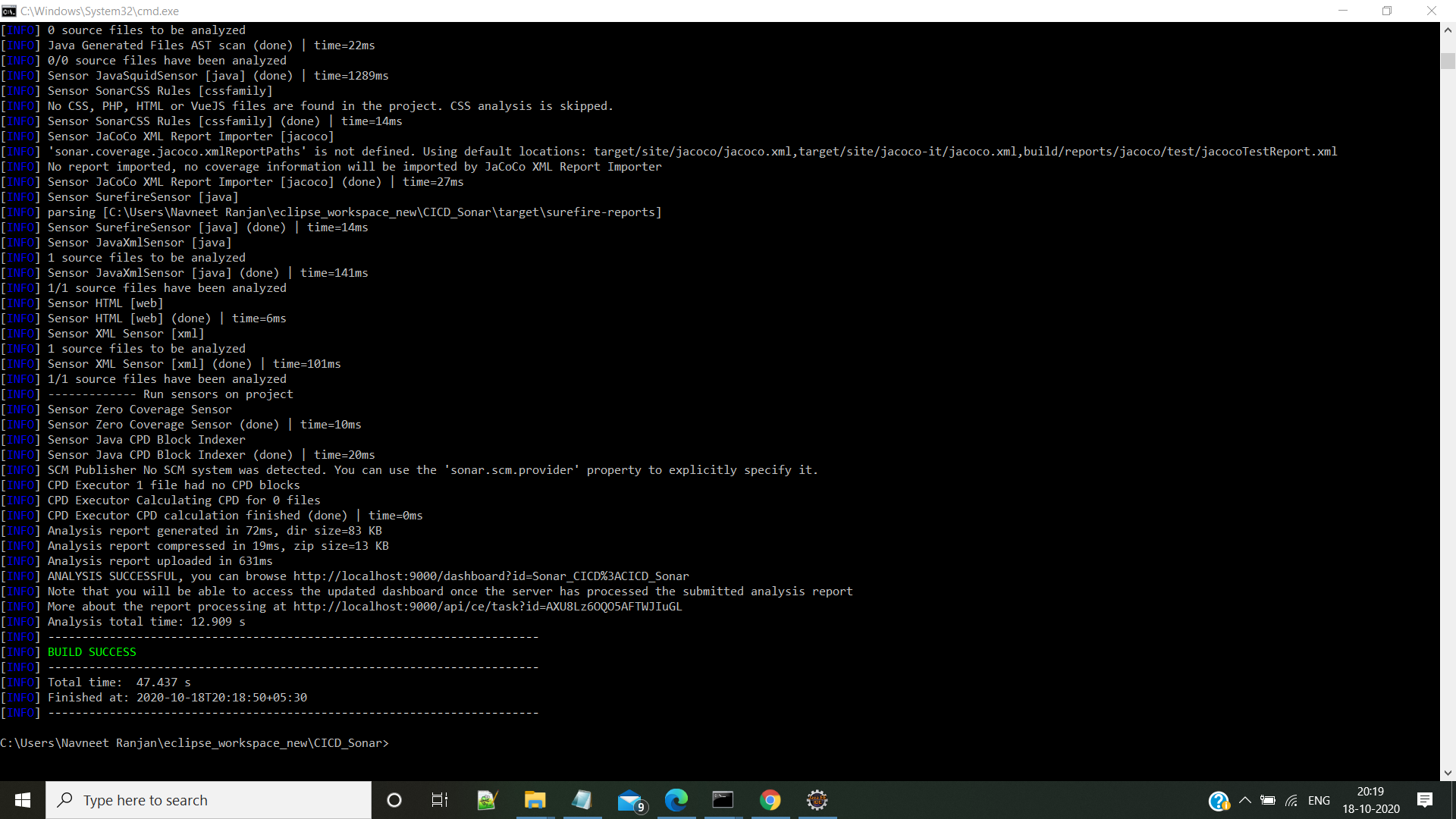


**Step 4: Create a Maven Project**

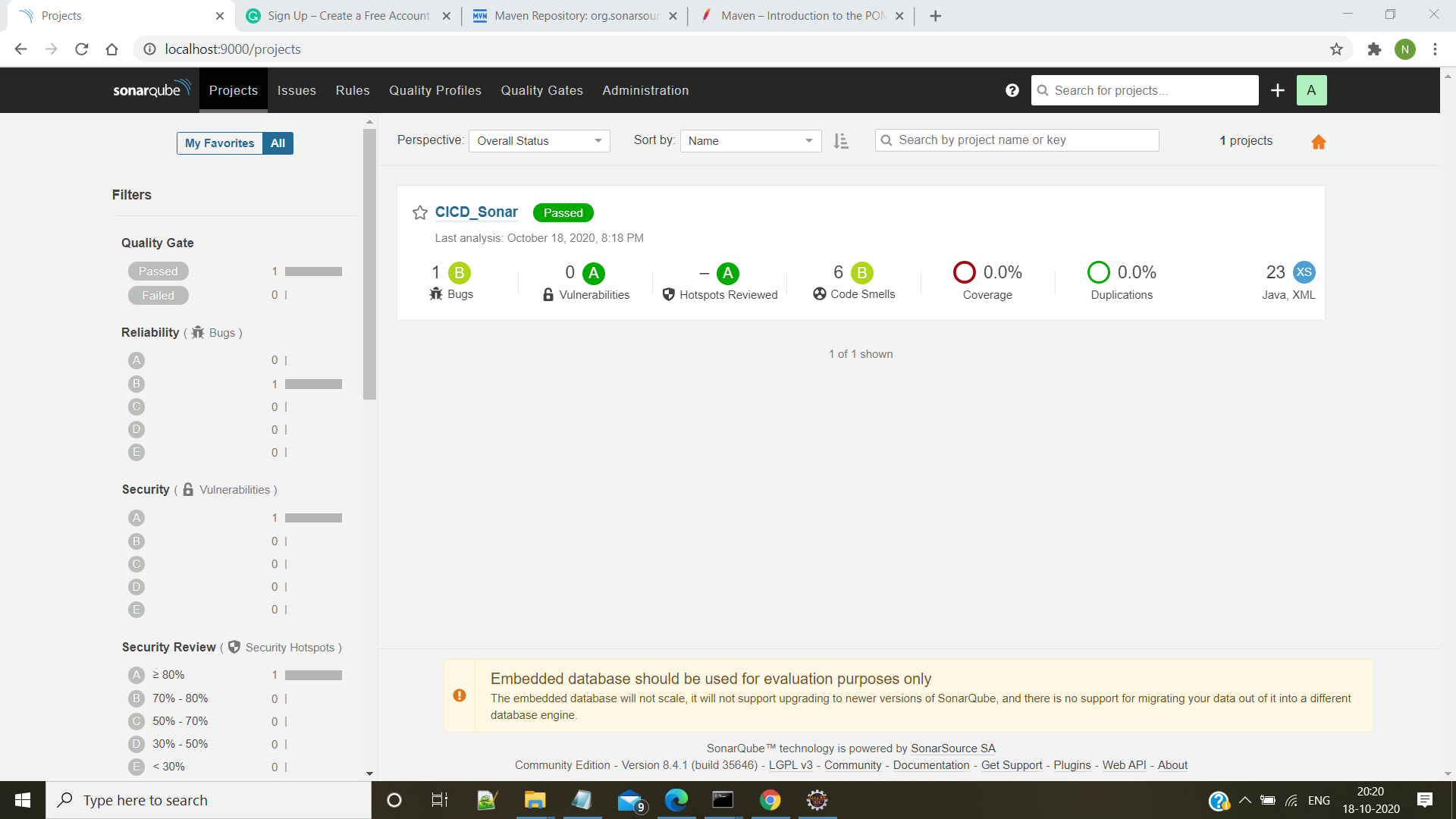


**Step 5: Navigate to the folder Where your Maven Project Resides and run the Command:**

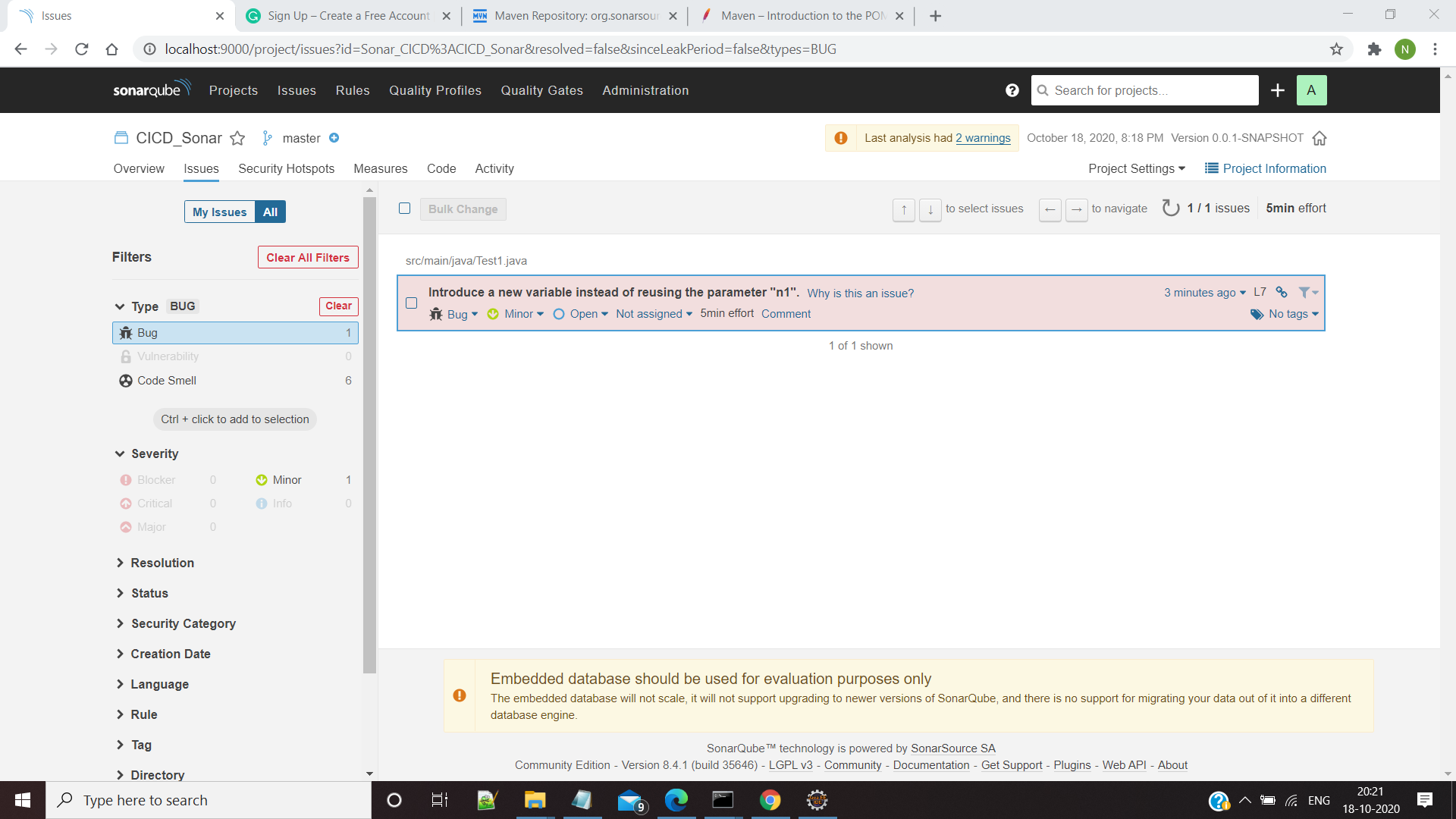
**mvn clean install sonar:sonar -Dsonar.host.url=http://localhost:9000 -Dsonar.analysis.mode=publish**



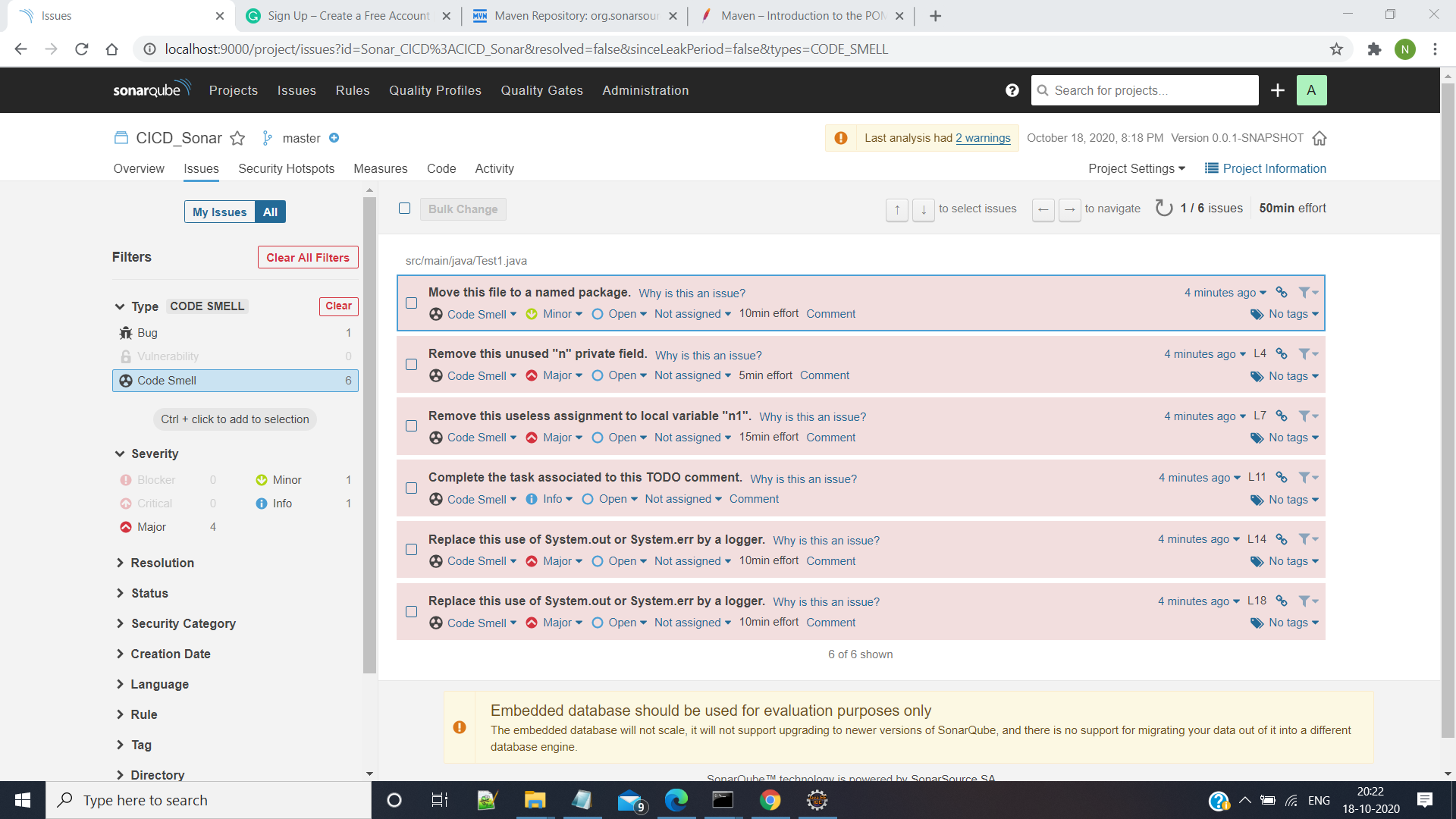
**Step 6: Navigate to SonarQube and Check the Project**



**Step 7: Check for Bugs**



**Step 8: Check Code Smells**



**Step 9: Check Code Coverage**

