Don Bosco Institute of Technology, Mumbai 400070

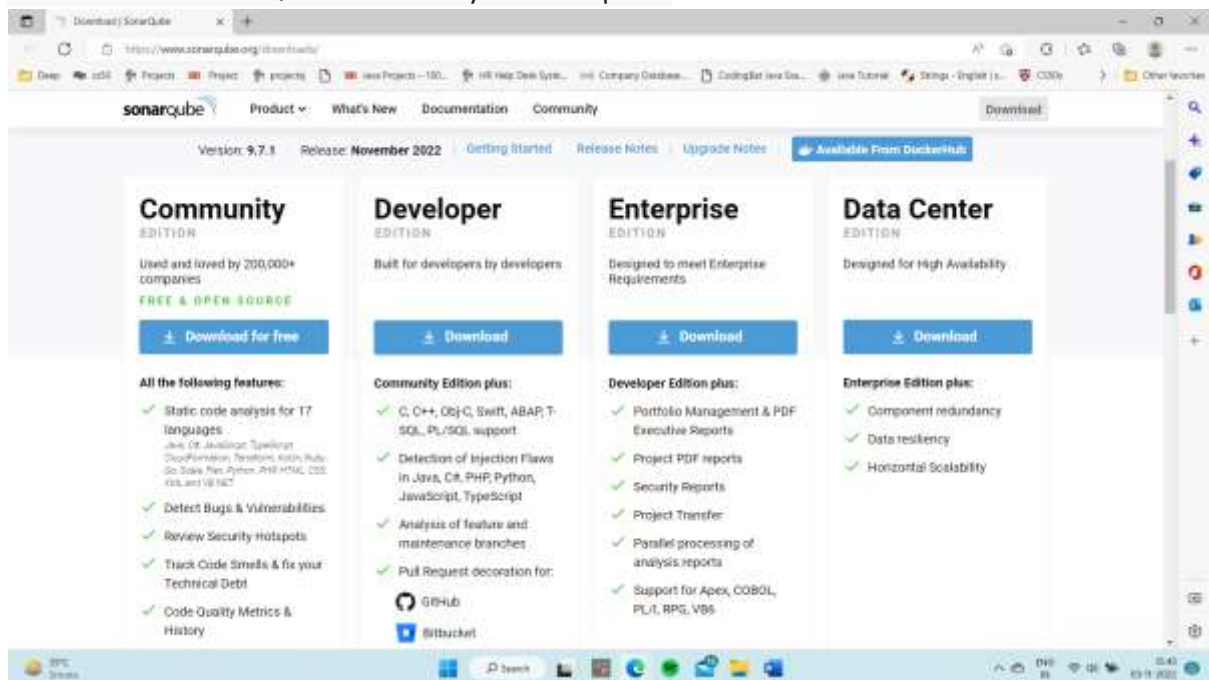## Department of Information Technology

Experiment 7: SonarQube

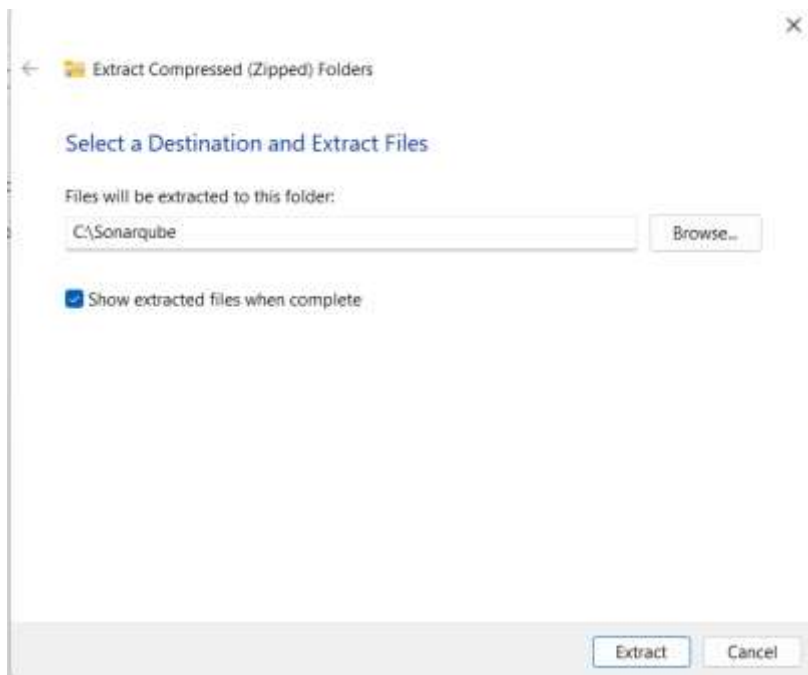Name: Swasti Jain   Roll No.:24

Aim: To understand the Static Analysis SAST process and show the analysis of any web based application
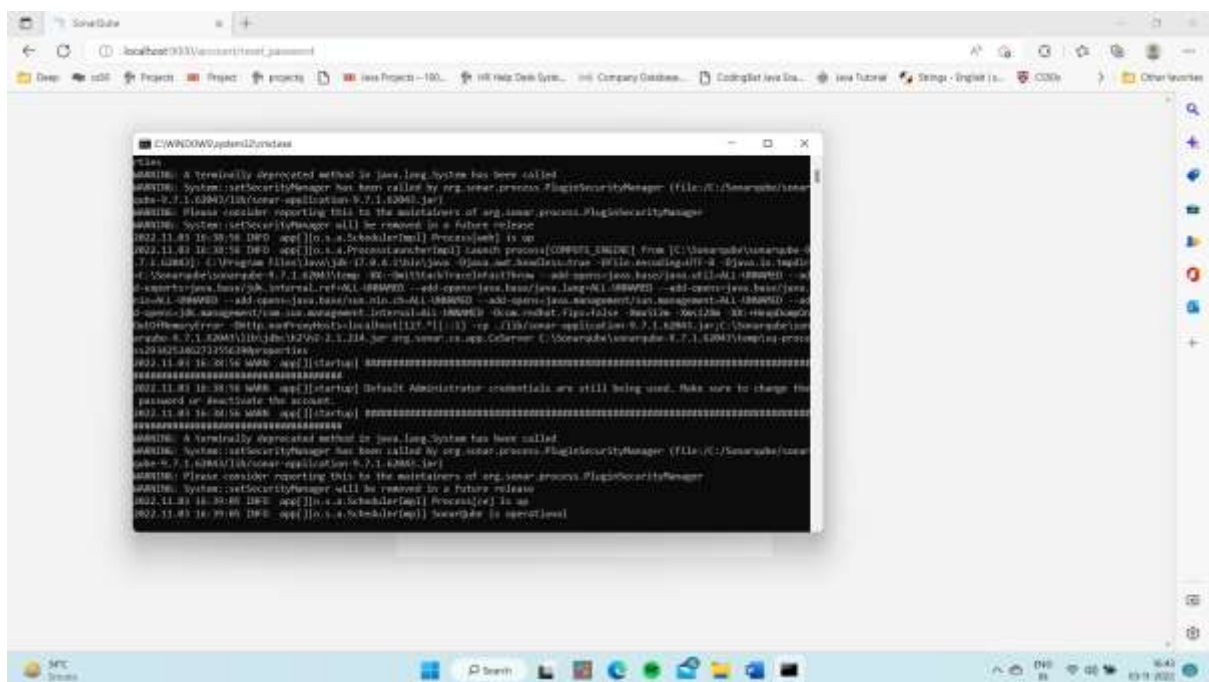
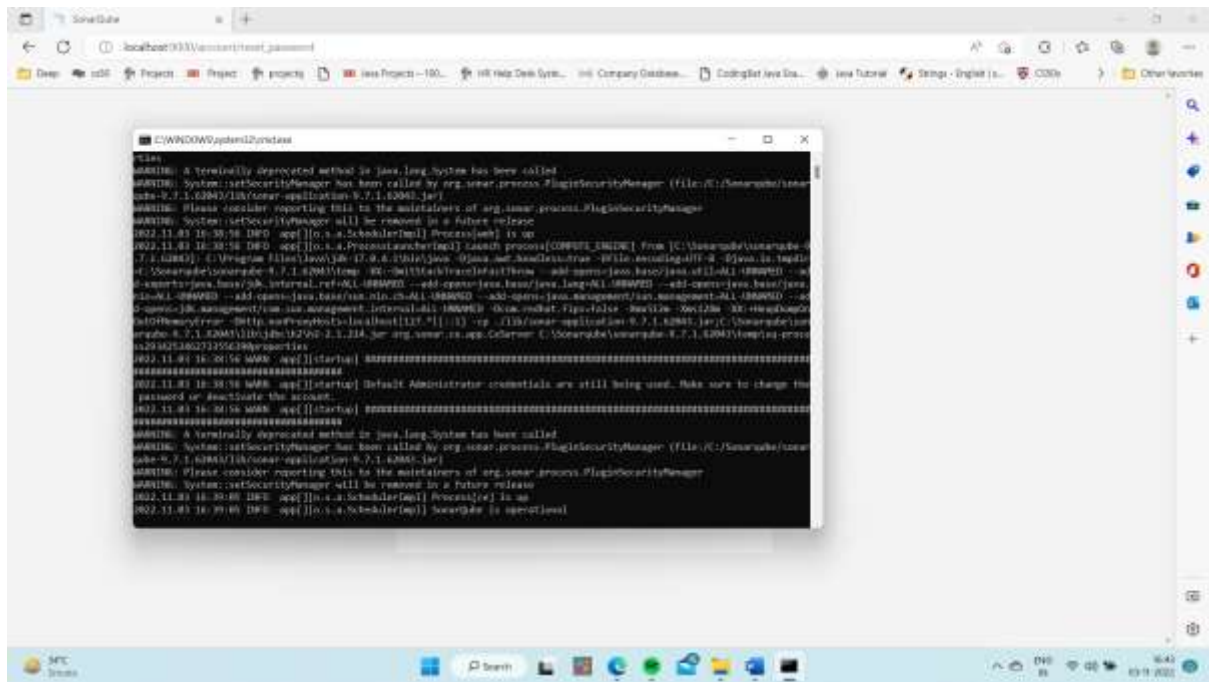Download the SonarQube Community Edition zip file.

Download and install Java 11 on your system. 3. As a non-rootuser, unzip it, let's say in C:\sonarqube or /opt/sonarqube.
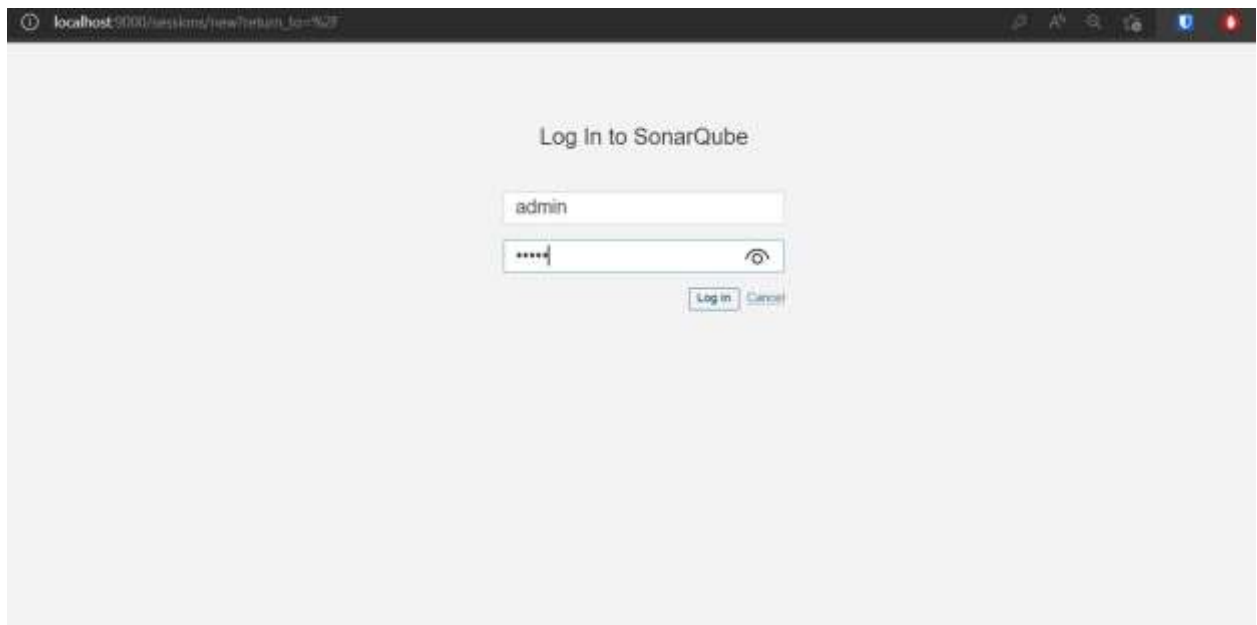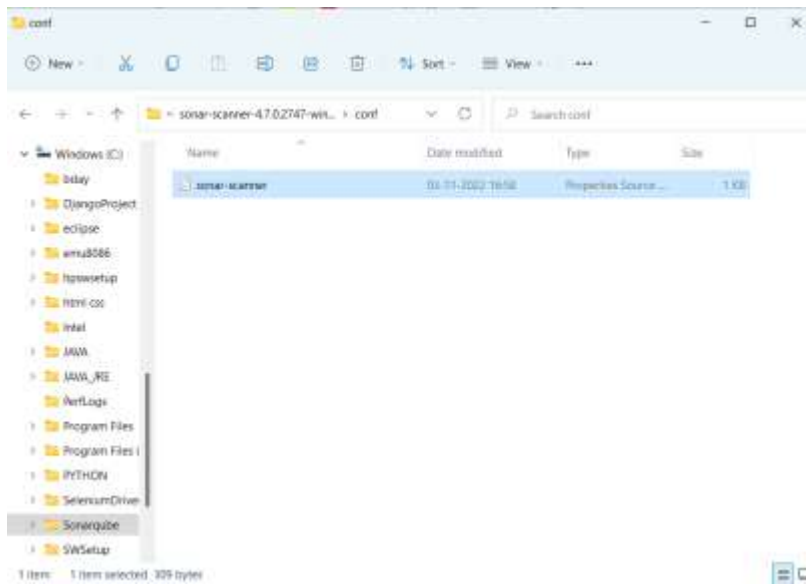
As a non-root user, start the SonarQube Server:

Once your instance is up and running, Log in to http://localhost:9000 using System Administrator credentials
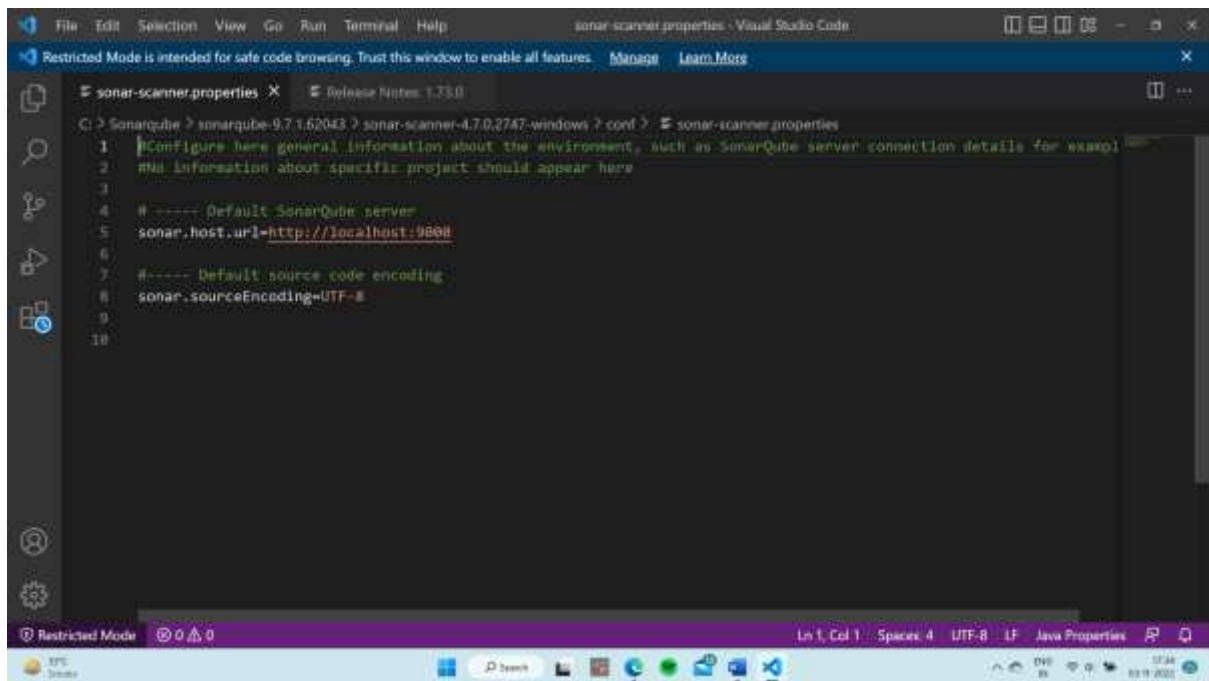

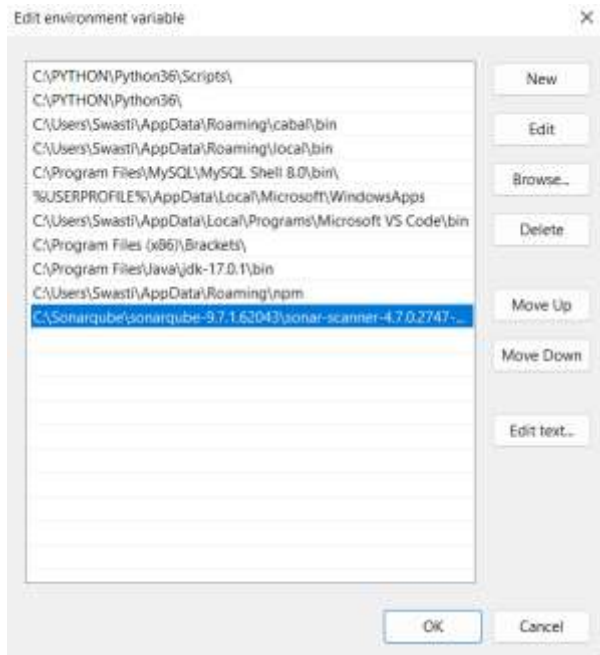Install sonar scanner from the official link and extract it to the same folder where sonarqube has been installed https://docs.sonarqube.org/latest/analysis/scan/sonarscanner

Conf>sonar-scannner

Update the global settings to point to your SonarQube server by editing

Add the bin path of sonarscanner into the environment variables of your system
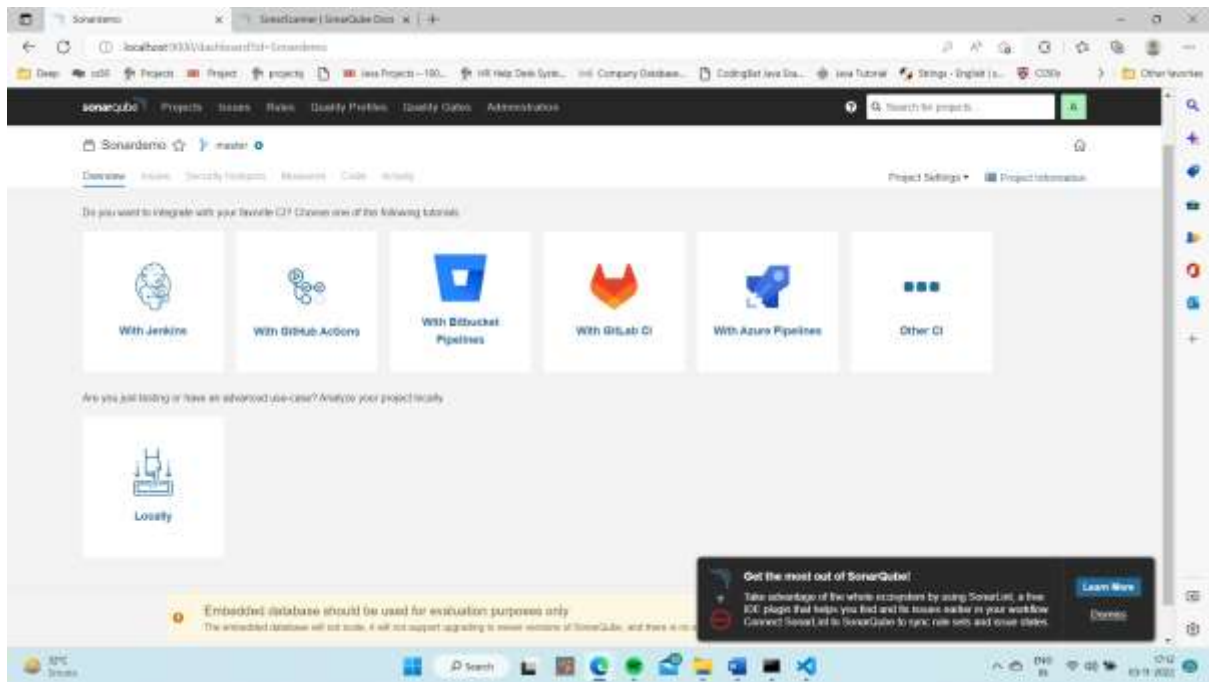
Verify your installation by opening a new shell and executing the command *sonar-scanner -h*

. Now that our sonar-scanner is installed, we will create a project in our sonarqube that is logged in through http://localhost:9000/projects/create.
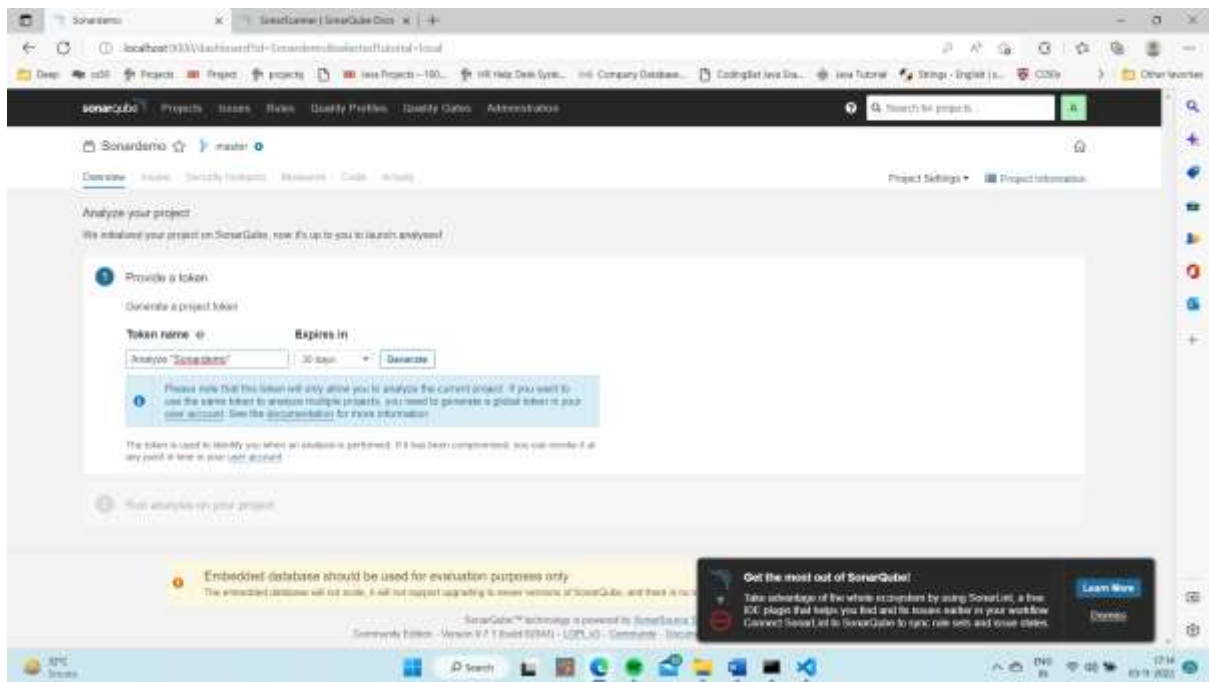
Click on manually and create the project by giving in the values for the asked fields
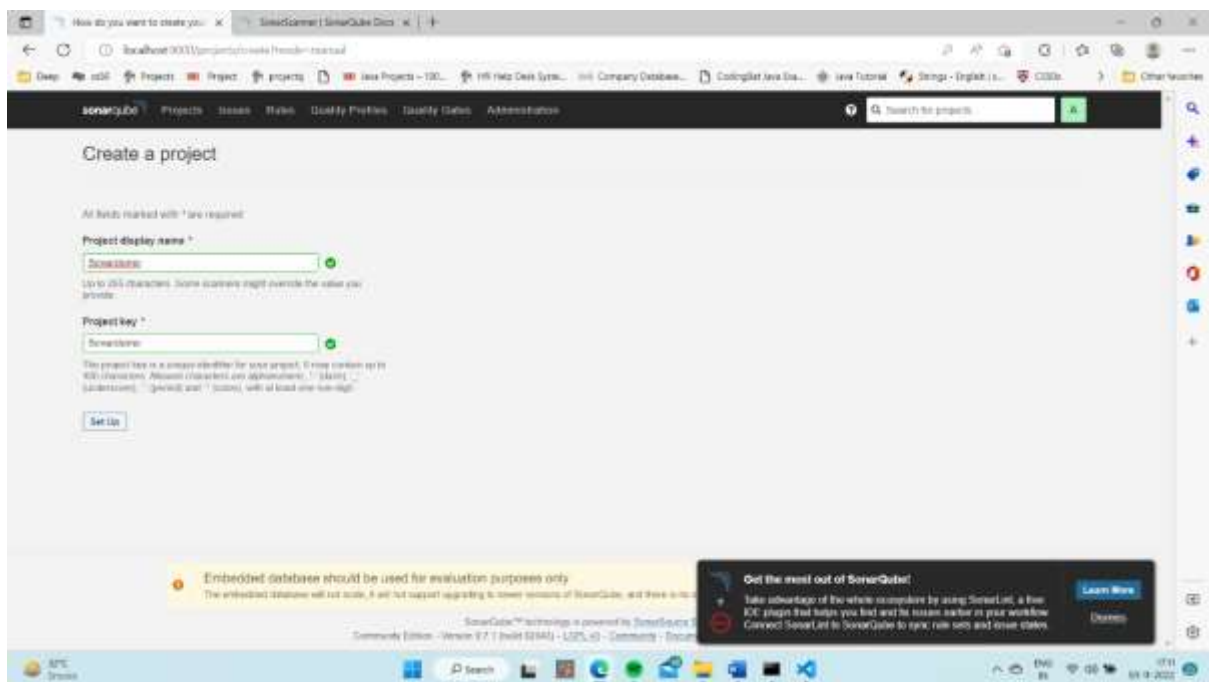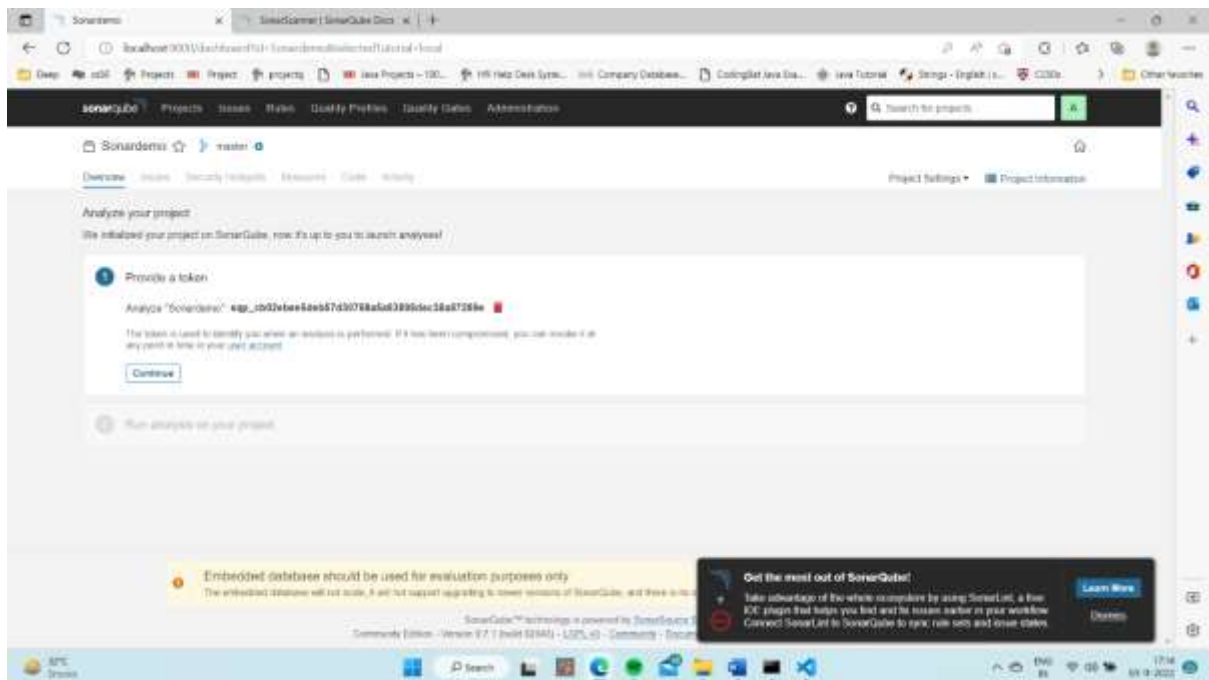

It will look something like this after clicking set up, now in order to analyze the code, click on locally.

Click on generate a token

The following output will be received

After the token is copied and clicked on continue, then choose your project type

In this case it falls under other

Now go the root of your project directory and run the command given by the sonar scanner

Once the scanning process is done, you'll see the following output

Now we can see the results in our sonarqube dashboard under our project