Step 1: Pull the Sonar Docker Image :

docker pull sonarqube

Step 2: Create a Docker Network

docker network create sonar-network

Step 3: Start a Database Container

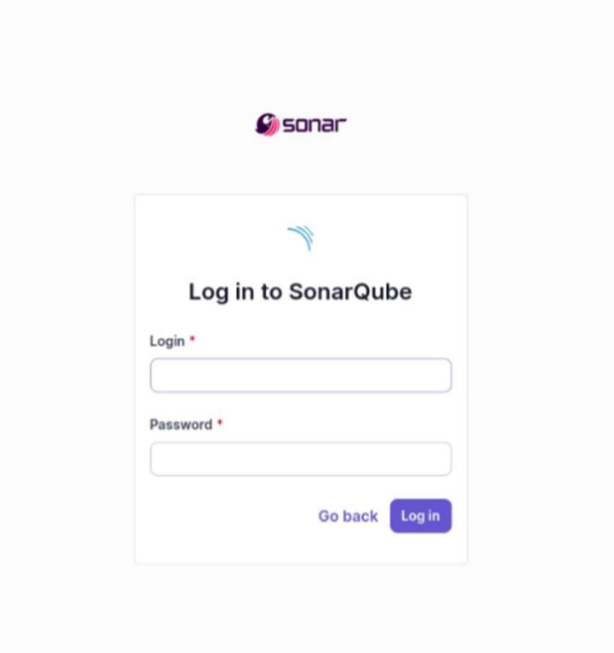
docker run -d --name sonar-db --network sonar-network -e POSTGRES_USER=sonar -e POSTGRES_PASSWORD=sonar -e POSTGRES_DB=sonar postgres:9.6

Step 4: Start the Sonar Container

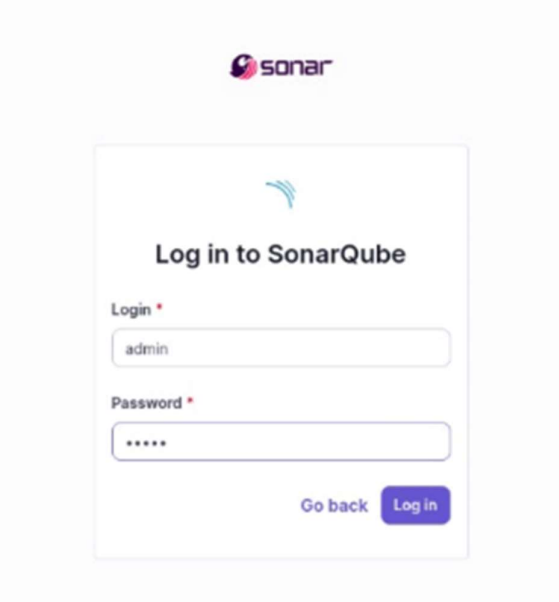
docker run -d --name sonar -p 9000:9000 --network sonar-network -e SONARQUBE_JDBC_URL=jdbc:postgresql://sonar-db:5432/sonar -e SONAR_JDBC_USERNAME=sonar -e SONAR_JDBC_PASSWORD=sonar sonarqube

Step 5: Access the Sonar Dashboard

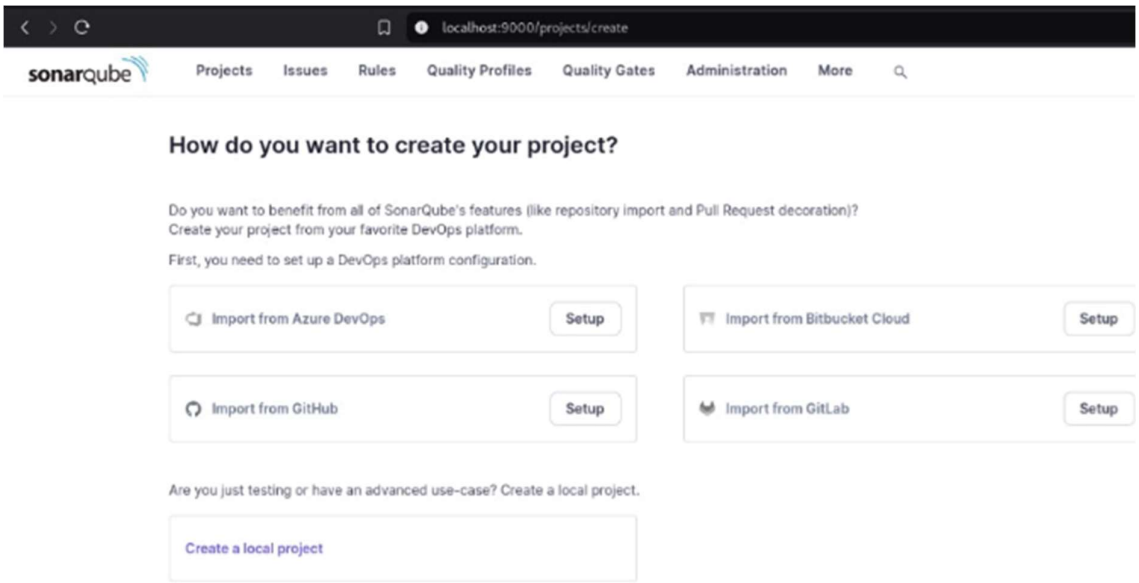
Once the Sonar container is running, you can access the Sonar dashboard by opening a web browser and navigating to http://localhost:9000



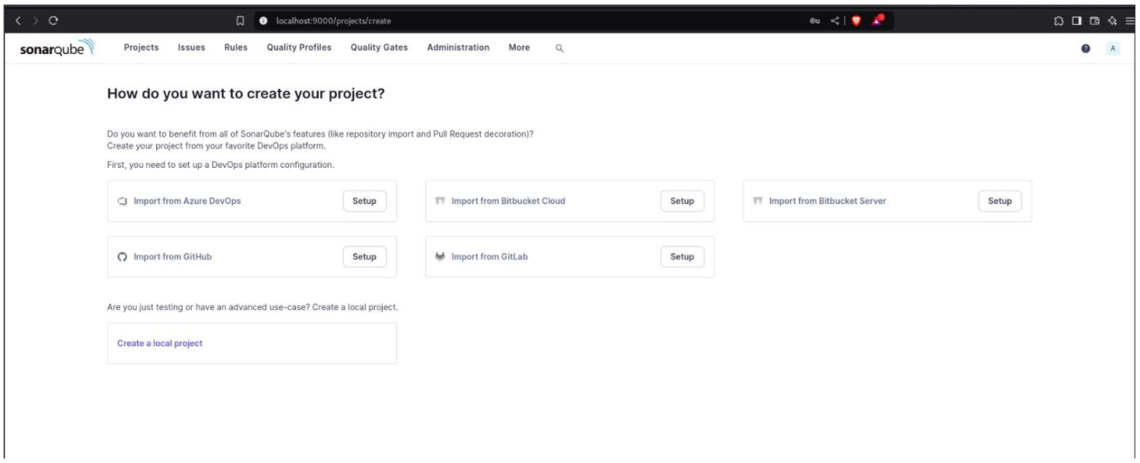
Enter the login and password : as admin admin

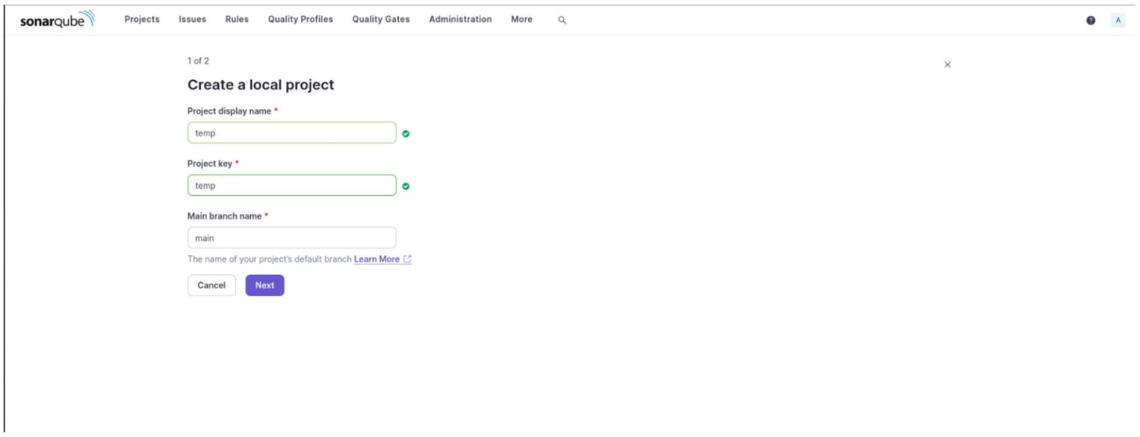


Update the password :

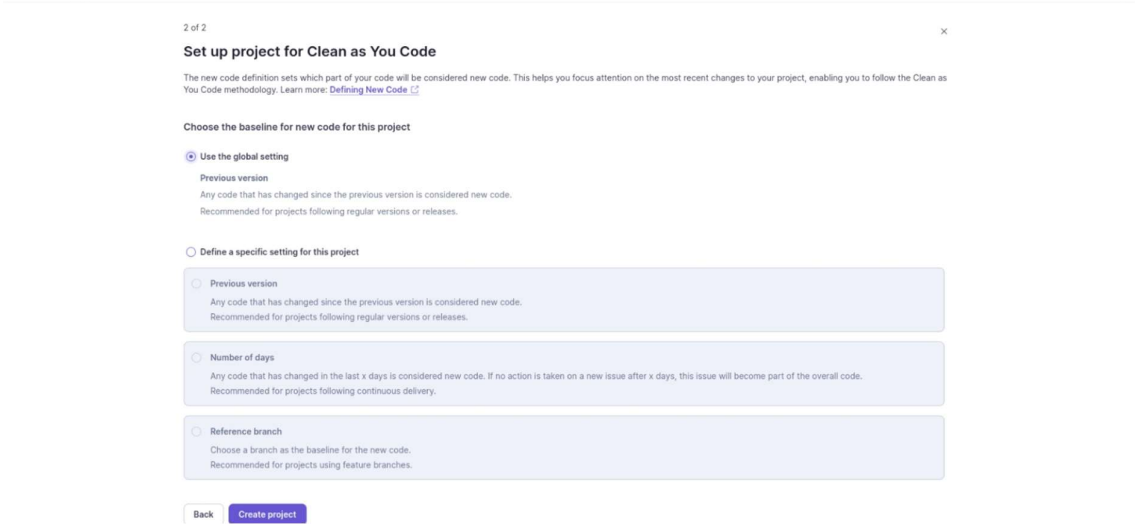


Click on the **Create a local Project**

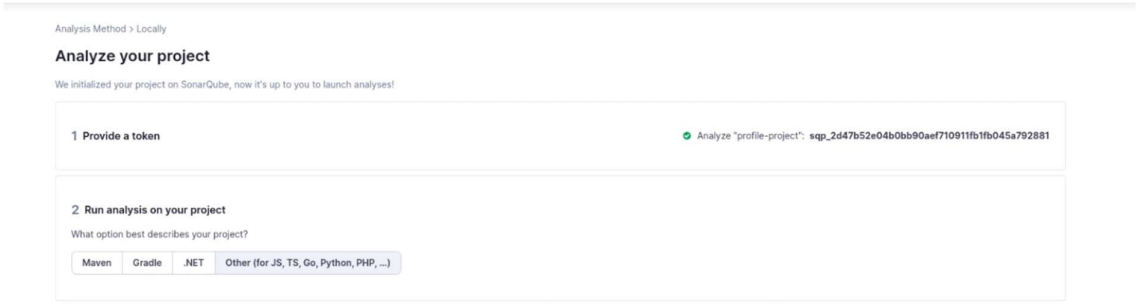




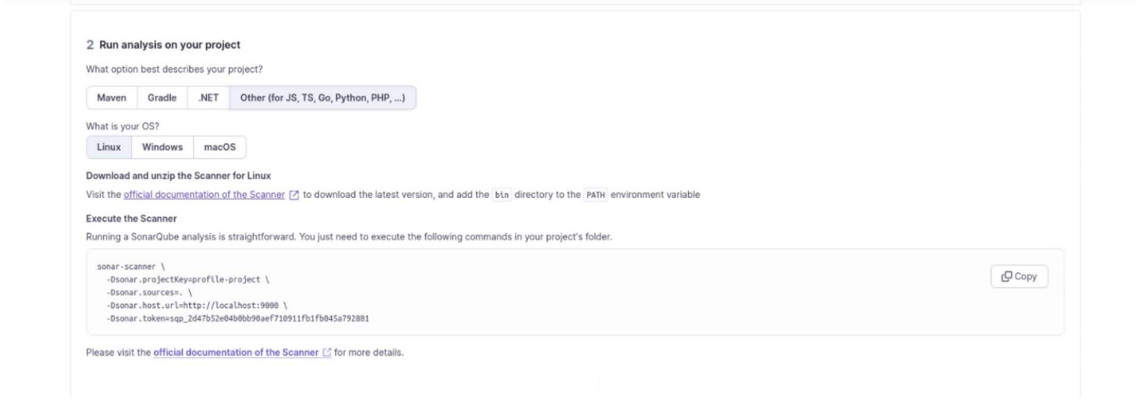
Click on **Use global setting** :



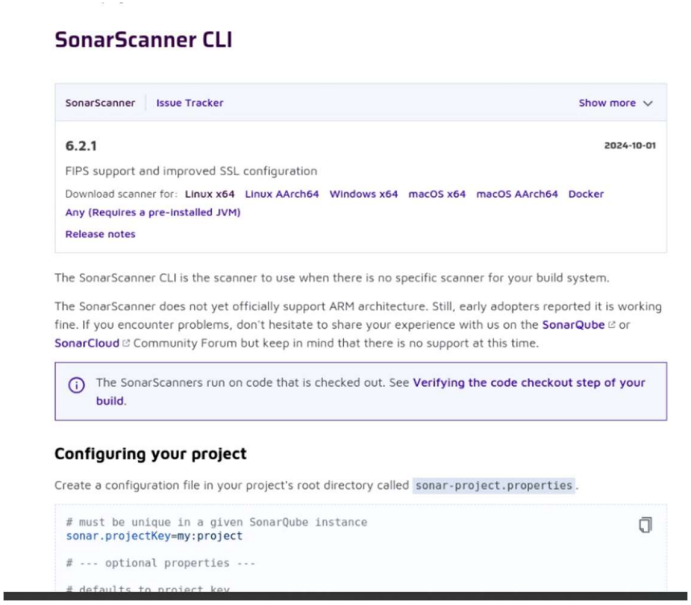
Click on **Generate Token** and Select **Other** :



Select **other**, Select **Linux** then go to the official url to download the sonar scanner website :

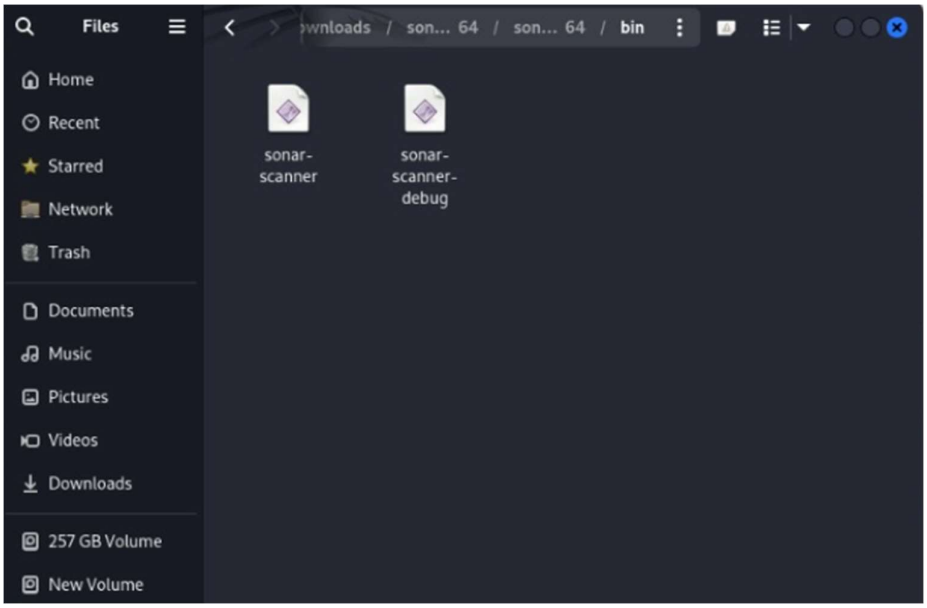


Download for **Linux x64**

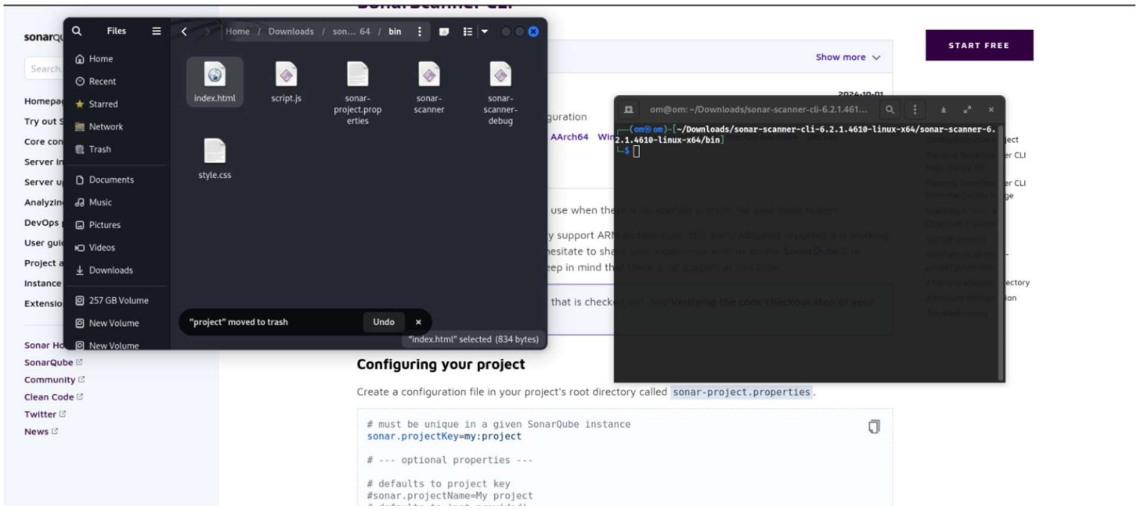


Extract the zip file in folder :

Then go to the bin directory inside it :



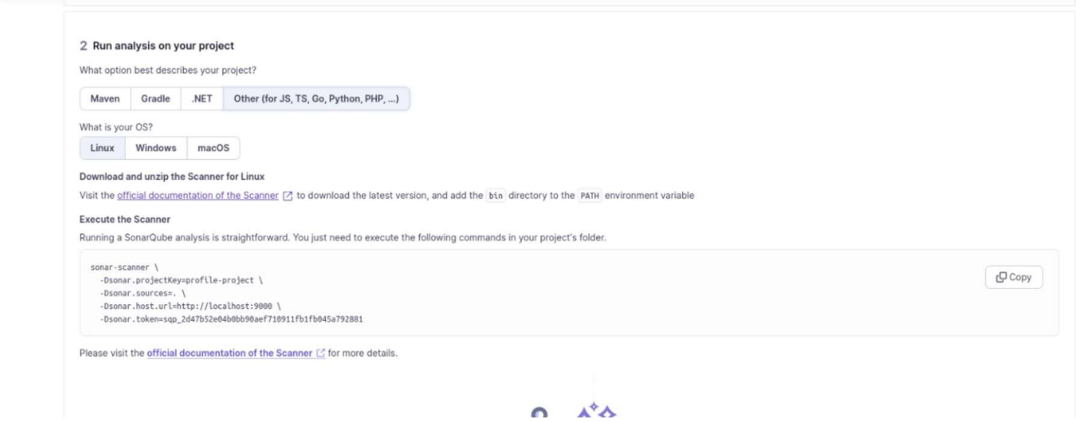
Paste your project files of .html .css .js in same bin folder :



Create the sonar-project.properties file in same folder

```
sonar.projectKey=temp
sonar.host.url=http://localhost:9000
sonar.login=sqp_ce77895c70f118ef6c02ec521398530c6b1e54be
sonar.sourceEncoding=UTF-8
sonar.sources=.
```

and change the project key and sonar login key accordingly from the page



After that open the terminal in the same **bin** directory of sonar scanner

Run command : **./sonar-scanner**

It will check for the issues in the project and generate a report you will get the url for it in terminal :