

exe3

exercise 3

sonar qube start

```
Select Administrator Command Prompt
Microsoft Windows [Version 10.0.22631.3296]
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C:\Windows\System32>cd C:\Program Files\sonar qube\sonarqube-10.6.0.92116\bin\windows-x86-64

C:\Program Files\sonar qube\sonarqube-10.6.0.92116\bin\windows-x86-64>dir
Volume in drive C has no label.
Volume Serial Number is C43D-6E73

Directory of C:\Program Files\sonar qube\sonarqube-10.6.0.92116\bin\windows-x86-64

31-07-2024  11:11    <DIR>          .
31-07-2024  11:11    <DIR>          ..
31-07-2024  11:11    <DIR>          lib
31-07-2024  11:11                1,421 SonarService.bat
31-07-2024  11:11                2,625 StartSonar.bat
               2 File(s)              4,046 bytes
               3 Dir(s)  161,938,128,896 bytes free

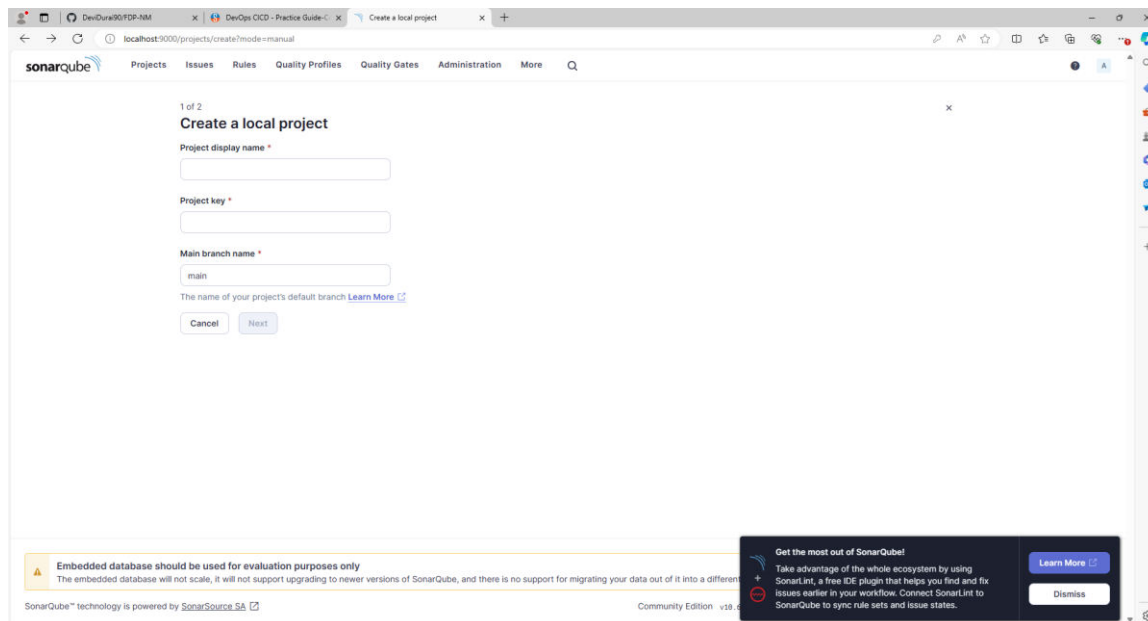
C:\Program Files\sonar qube\sonarqube-10.6.0.92116\bin\windows-x86-64>StartSonar.bat
```

create project in sonar cube

localhost:9000

sonarqube username: admin

pwd: devi16061990



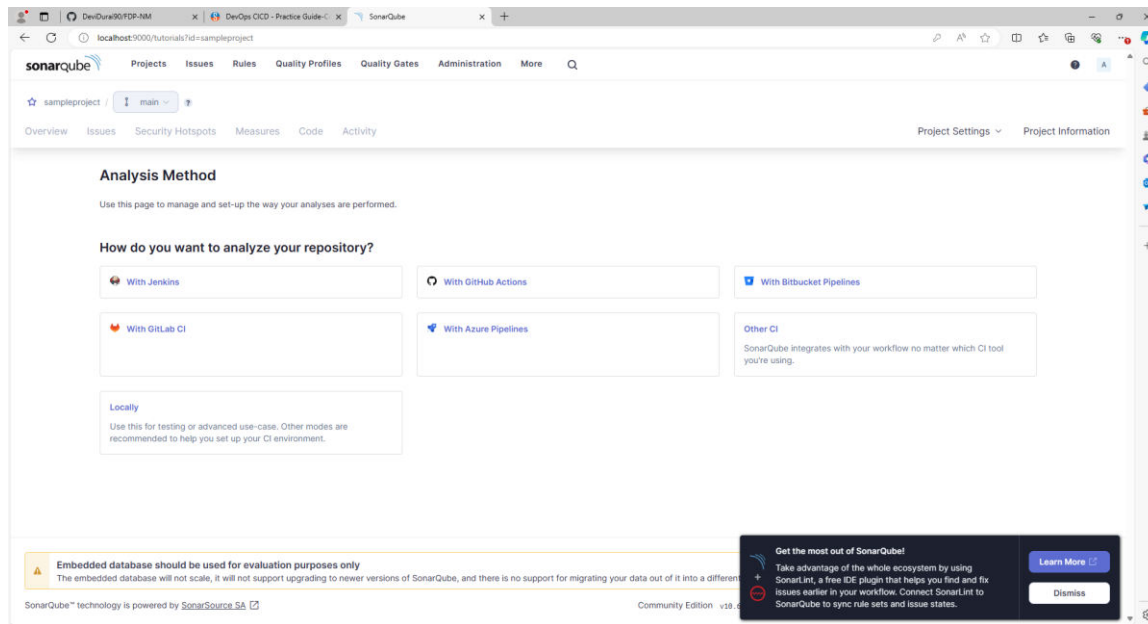
project name

The screenshot shows the SonarQube web interface at localhost:9000/projects/create?mode=manual. The page title is 'Create a local project'. It is step 1 of 2. The form contains three input fields: 'Project display name' with the value 'sampleproject', 'Project key' with the value 'sampleproject', and 'Main branch name' with the value 'main'. Below the 'Main branch name' field is a link 'Learn More'. At the bottom of the form are 'Cancel' and 'Next' buttons. A yellow warning banner at the bottom states: 'Embedded database should be used for evaluation purposes only. The embedded database will not scale, it will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database.' A dark blue promotional banner on the right says 'Get the most out of SonarQube!' and 'Take advantage of the whole ecosystem by using SonarLint, a free IDE plugin that helps you find and fix issues earlier in your workflow. Connect SonarLint to SonarQube to sync rule sets and issue states.' with 'Learn More' and 'Dismiss' buttons.

The screenshot shows the SonarQube web interface at localhost:9000/projects/create?mode=manual&useGlobal=true. The page title is 'Set up project for Clean as You Code'. It is step 2 of 2. The text explains: 'The new code definition sets which part of your code will be considered new code. This helps you focus attention on the most recent changes to your project, enabling you to follow the Clean as You Code methodology. Learn more: [Defining New Code](#)'. The section 'Choose the baseline for new code for this project' has three radio button options: 'Use the global setting' (selected), 'Previous version', and 'Define a specific setting for this project'. Under 'Define a specific setting for this project' are three sub-options: 'Previous version', 'Number of days', and 'Reference branch'. At the bottom are 'Back' and 'Create project' buttons. The same dark blue promotional banner for SonarLint is visible on the right.

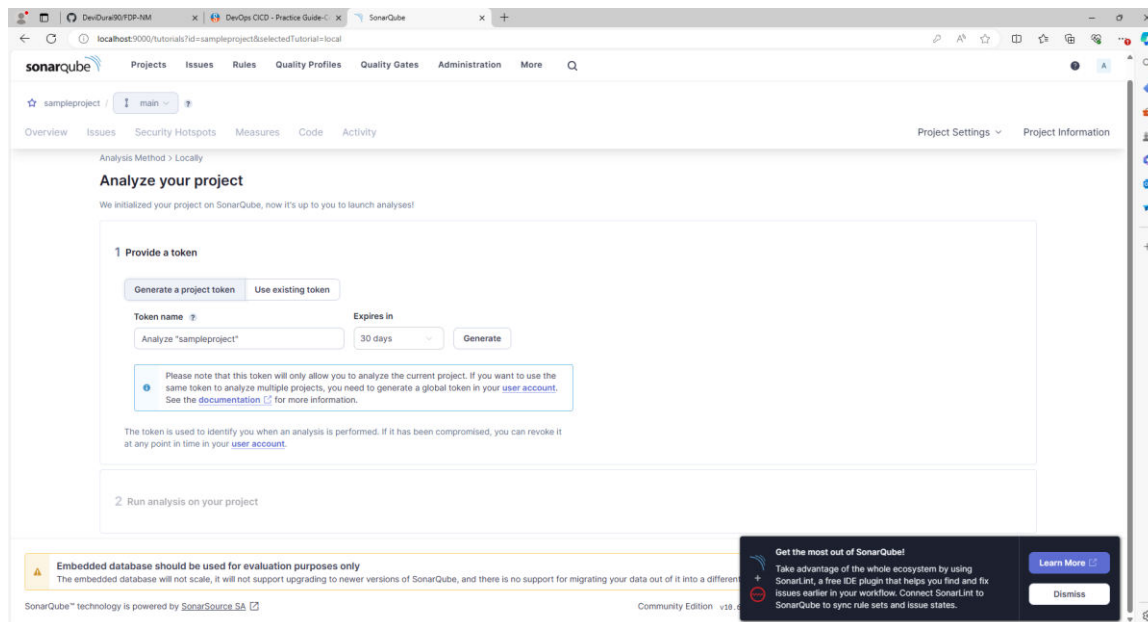
click

create project



click locally

click generate



select maven

The screenshot shows the SonarQube web interface in a browser. The page title is "Analyze your project". Below the title, it says "We initialized your project on SonarQube, now it's up to you to launch analyses!".

Step 1: Provide a token. A green checkmark indicates the token is set: "Analyze 'sampleproject' 1: sqp_154f43c2b1ed892d3b1069e67c60267bf89e569e".

Step 2: Run analysis on your project. The question "What option best describes your project?" is followed by buttons for "Maven", "Gradle", ".NET", and "Other (for JS, TS, Go, Python, PHP, ...)". The "Maven" button is selected.

Below the buttons, it says "Execute the Scanner for Maven" and "Running a SonarQube analysis with Maven is straightforward. You just need to run the following command in your project's folder.".

A code block contains the following command:

```
run clean verify sonar:sonar \
-Dsonar.projectkey=sampleproject \
-Dsonar.projectname=sampleproject \
-Dsonar.host.url=http://localhost:9000 \
-Dsonar.token=sqp_154f43c2b1ed892d3b1069e67c60267bf89e569e
```

A "Copy" button is next to the code block.

Below the code block, it says "Please visit the [official documentation of the Scanner for Maven](#) for more details."

At the bottom right, there is a dark blue box with the text "Get the most out of SonarQube!" and "Take advantage of the whole ecosystem by using SonarLint, a free IDE plugin that helps you find and fix issues earlier in your workflow. Connect SonarLint to SonarQube to sync rule sets and issue states." with a "Learn More" link and a "Dismiss" button.

The Windows taskbar at the bottom shows the date and time as 12:05 on 01-08-2024.

a code will be generated copy it and paste in notepad