1)Magento2- 2.4

<https://github.com/magento/magento2/tree/2.4>

cloned(code-copied using githubdesktop)

2)sonarcube installation—

<https://docs.sonarqube.org/latest/setup/get-started-2-minutes/>

3)

unzip and from win86 folder CMD and execute StartSonar.bat

4) add this /cube/bin into ENV PATH

5) Log in to [http://localhost:9000](http://localhost:9000/) using System Administrator credentials (login=admin, password=admin).

1. Click the **Create new project** button.
2. When asked **How do you want to create your project**, select **Manually**.
3. Give your project a **Project key** and a **Display name** and click the **Set Up** button.
4. Under **Provide a token**, select **Generate a token**. Give your token a name, click the **Generate** button, and click **Continue**.
5. Select your project's main language(PHP) under **Run analysis on your project**,
6. Refer this

http://localhost:9000/documentation/analysis/scan/sonarscanner/

1. Create a configuration file in your project's root directory(magento2) called sonar-project.properties and update the key as given in 5th step(

<http://localhost:9000/dashboard?id=Magento>)

1. Sonarscanner installation
2. Keep it under magento2 directory
3. Update scanner/conf/sonar-scanner.properties (uncomment the host)
4. Add scanner/bin into ENV PATH
5. Verify --- scanner/bin CMD sonar-scanner.bat -h
6. Run the following command from the project base directory to launch the analysis:  
   sonar-scanner

From project folder CMD sonar-scanner

~\magento2>sonar-scanner