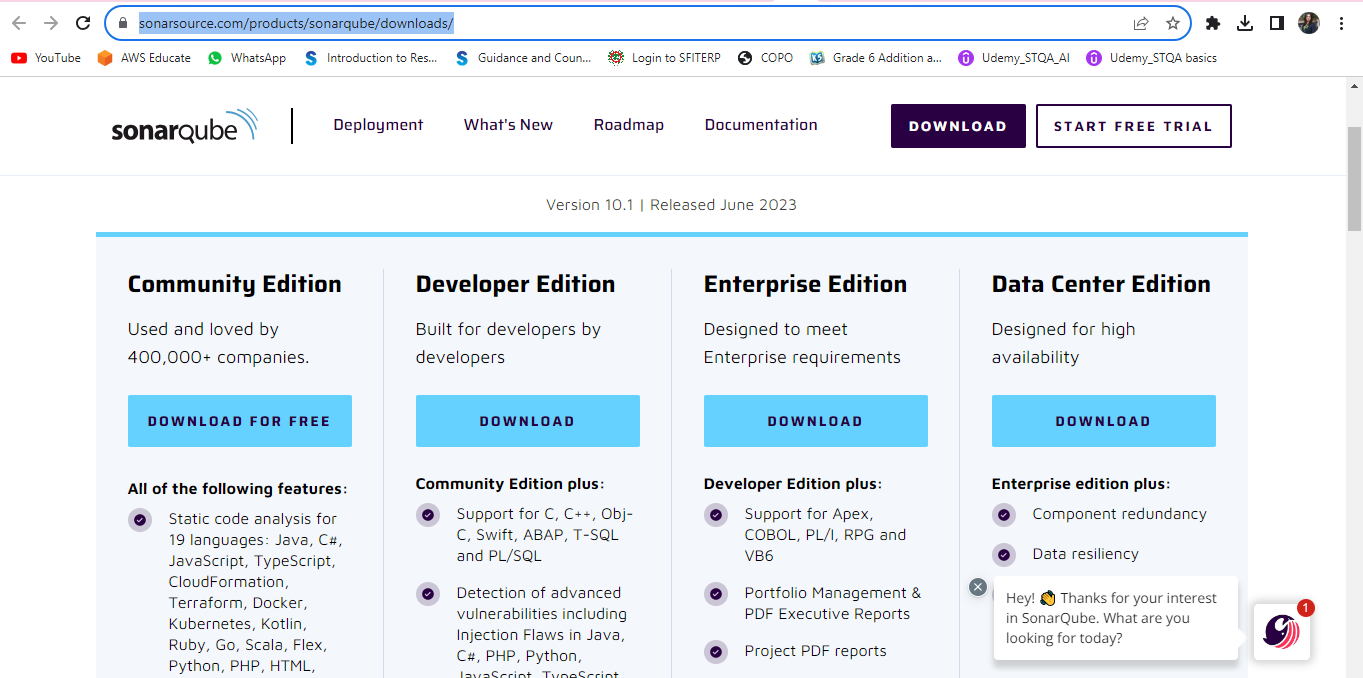
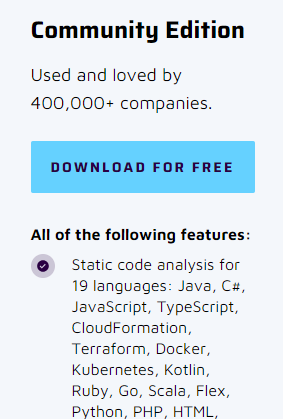
SONAR QUBE

DOWNLOAD

<https://www.sonarsource.com/products/sonarqube/downloads/>

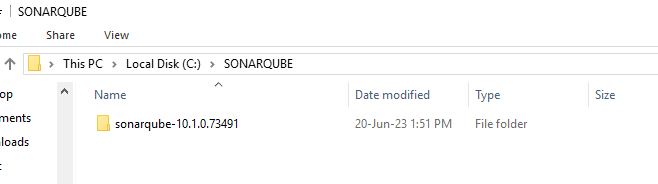


DOWNLOAD COMMUNITY EDITION



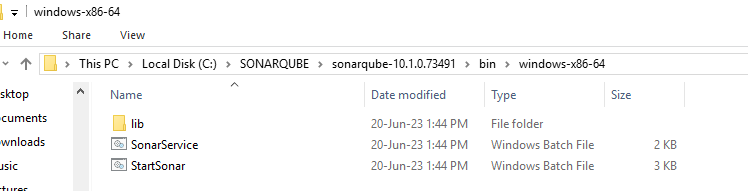
CREATE NEW FOLDER IN C. NAME IT SONARQUBE

EXTRACT DONLOADED SONARQUBE



**StartSonar server from SonarQube folder**

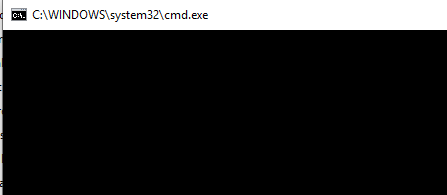
**PATH : - C:\SONARQUBE\sonarqube-10.1.0.73491\bin\windows-x86-64**

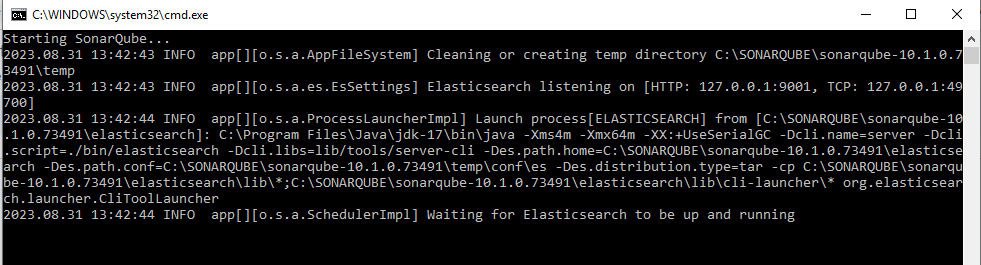


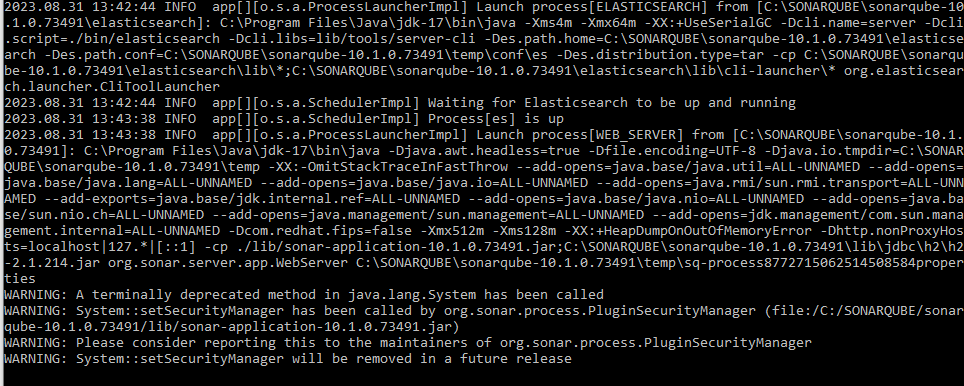
DOUBLE CLKICK ON

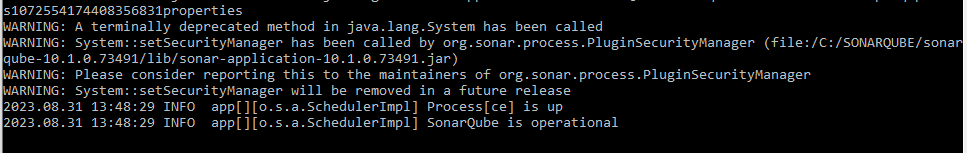
STARTSONAR

NEW CMD OPENS





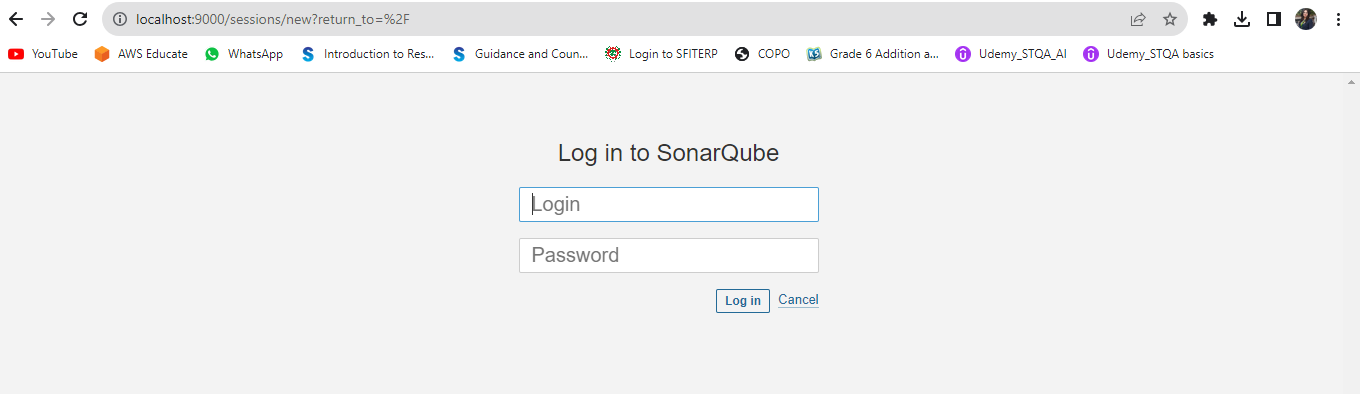


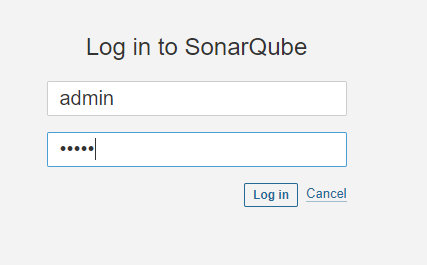


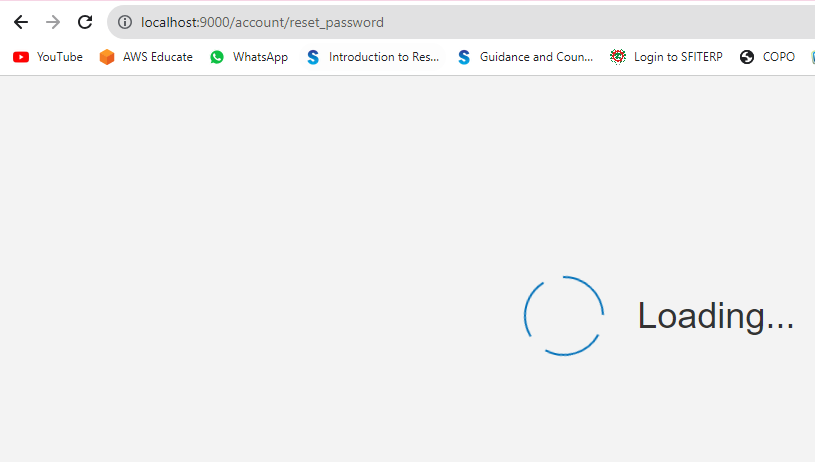
**on browser chk** [**https://localhost:9000**](https://localhost:9000)

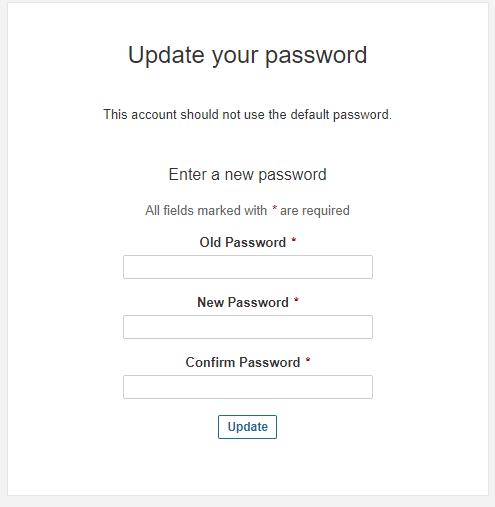
Once your instance is up and running, Log in to [http://localhost:9000](http://localhost:9000/) using System Administrator credentials:

* login: admin
* password: admin

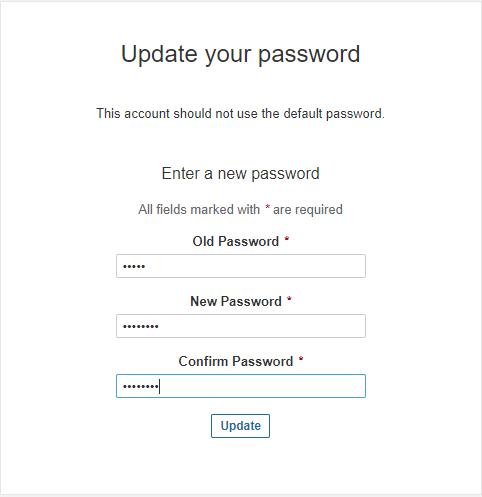




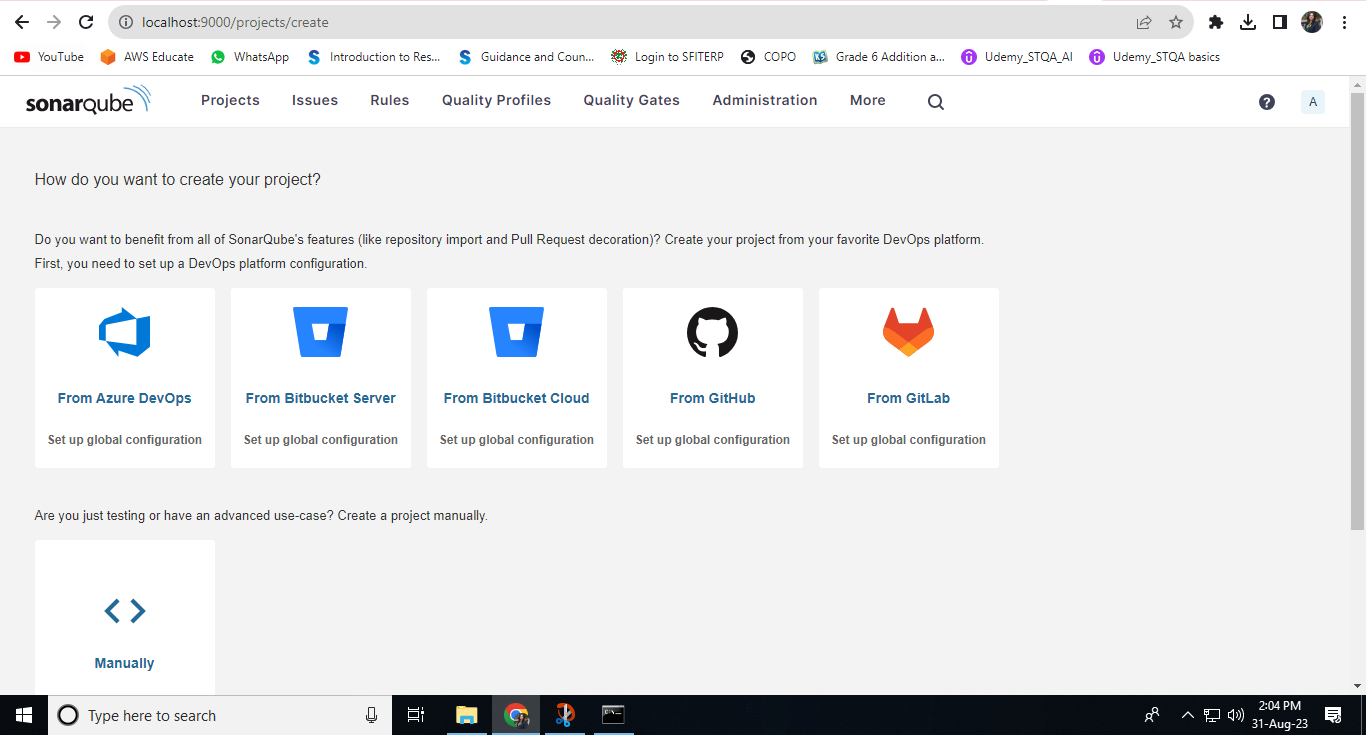




admin123



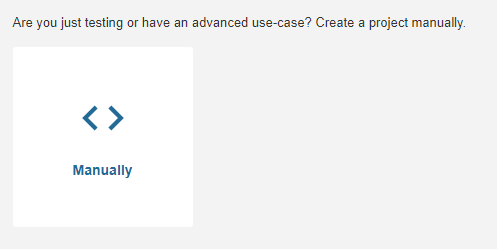
Launches home screen



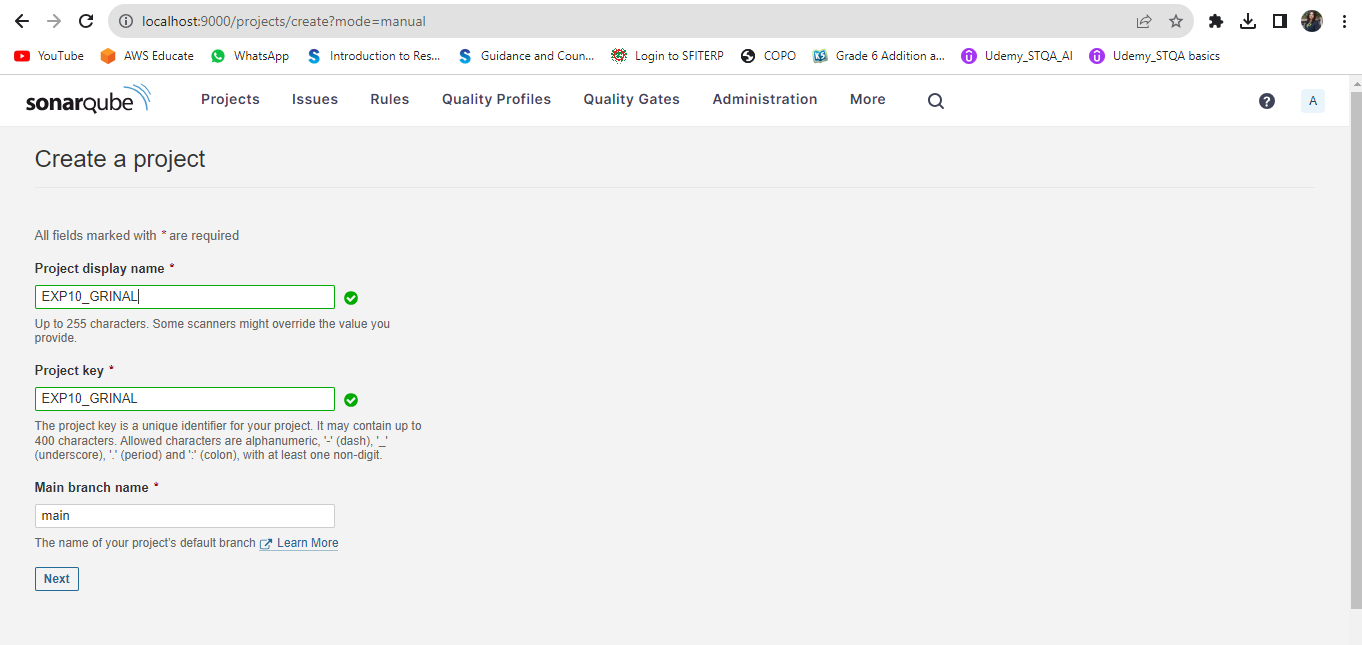
Now that you're logged in to your local SonarQube instance, let's analyze a project:

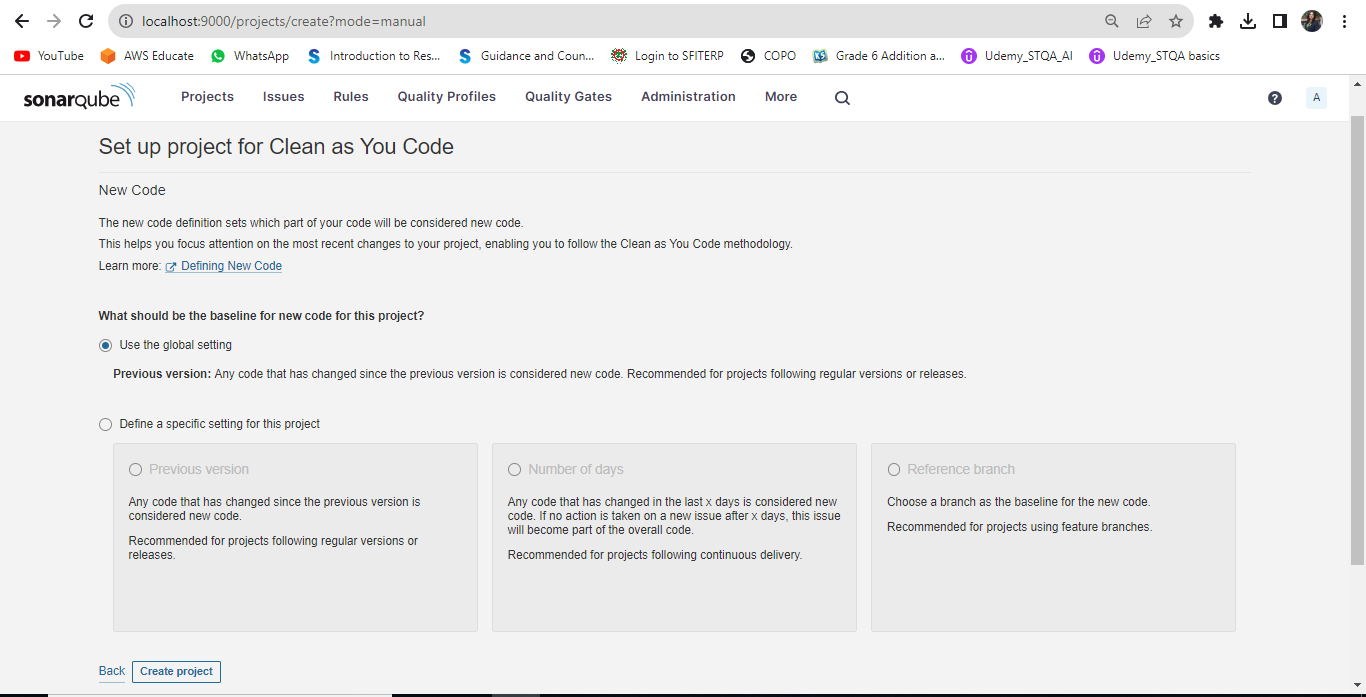
1. Select Create new project.
2. Give your project a Project key and a Display name and select Set up.
3. Under Provide a token, select Generate a token. Give your token a name, select Generate, and click Continue.
4. Select your project's main language under Run analysis on your project, and follow the instructions to analyze your project.

**Click on Manually. Create a Project named SFIT\_SAST**

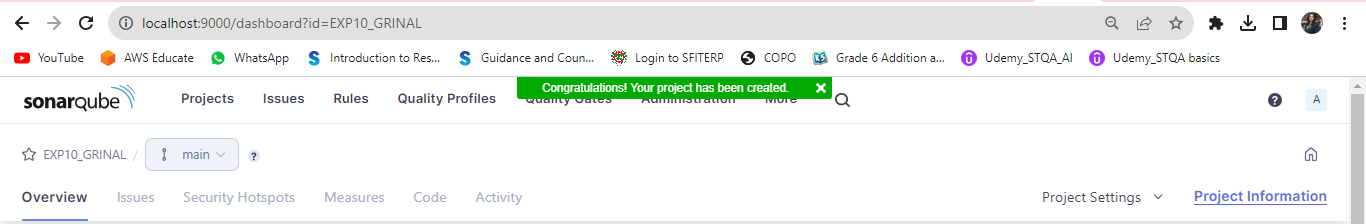


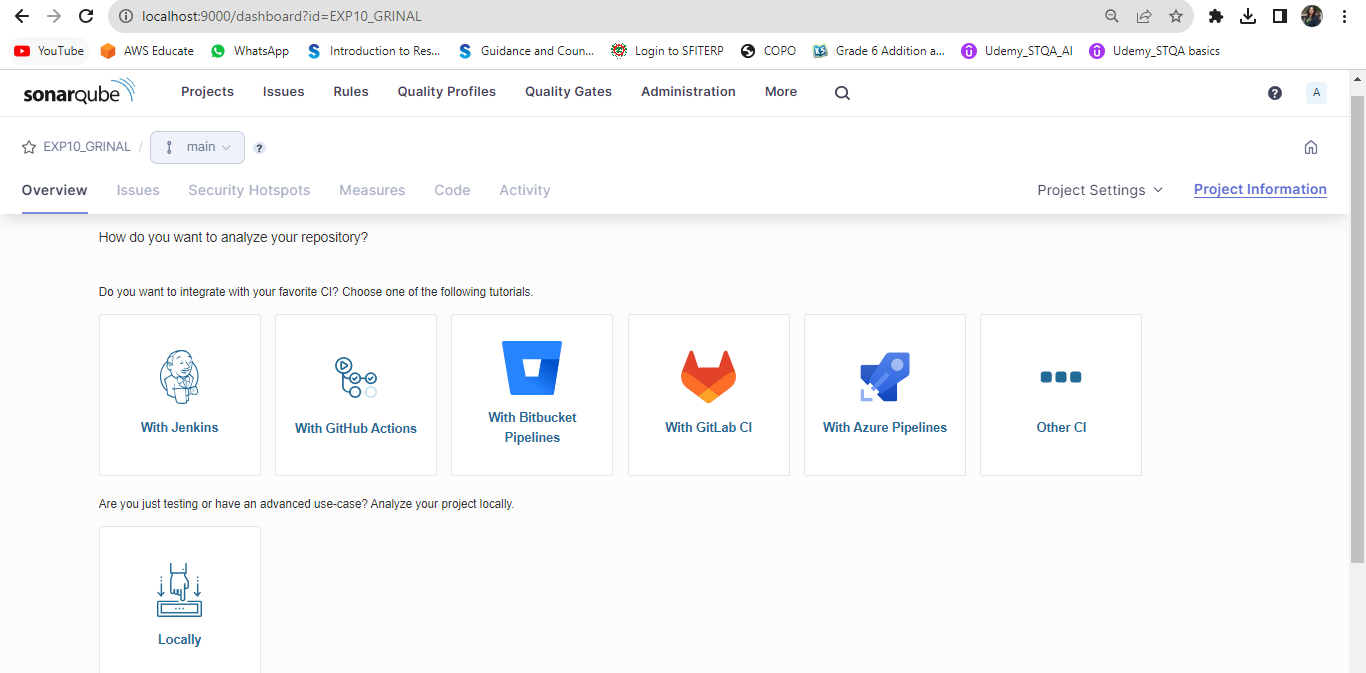
CREATE A PROJECT



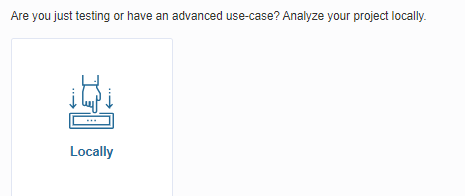


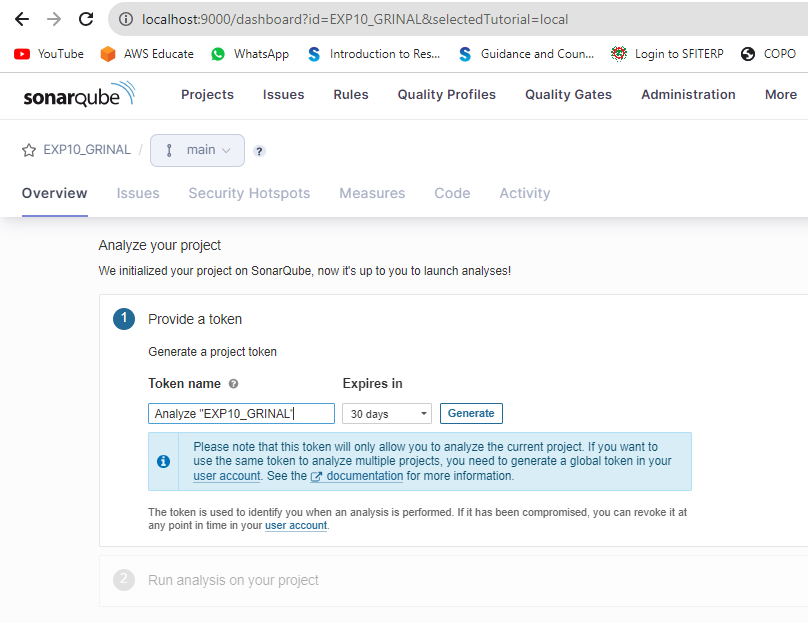




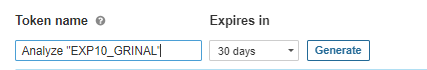


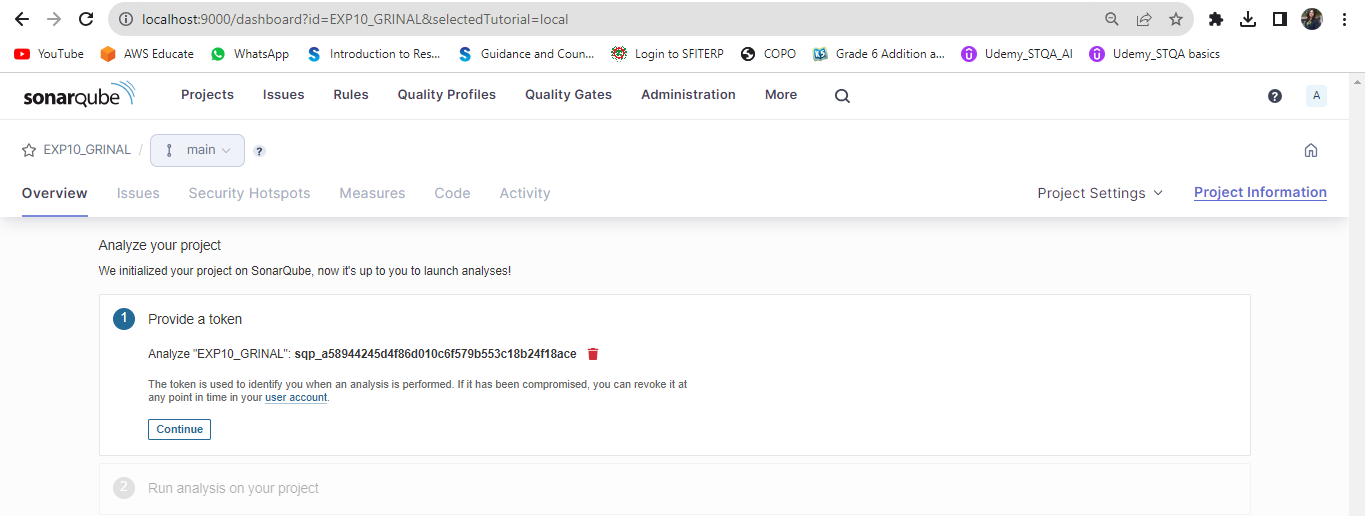
SELECT “LOCALLY”





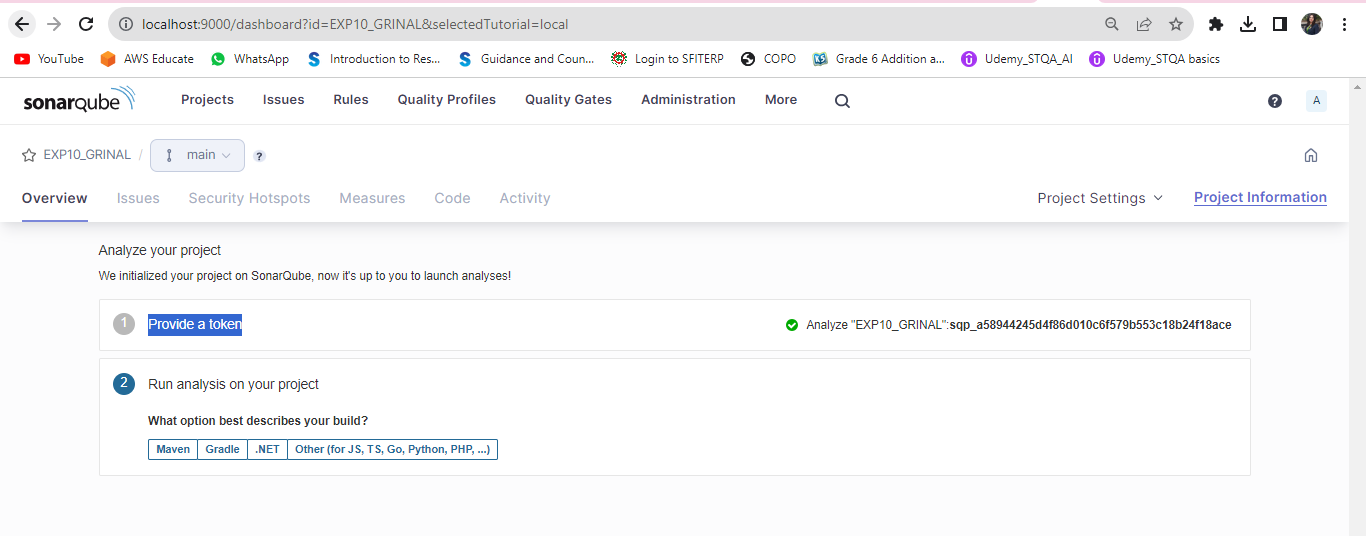
GENERATE TOKEN BY CLICKING ON GENERATE BUTTON



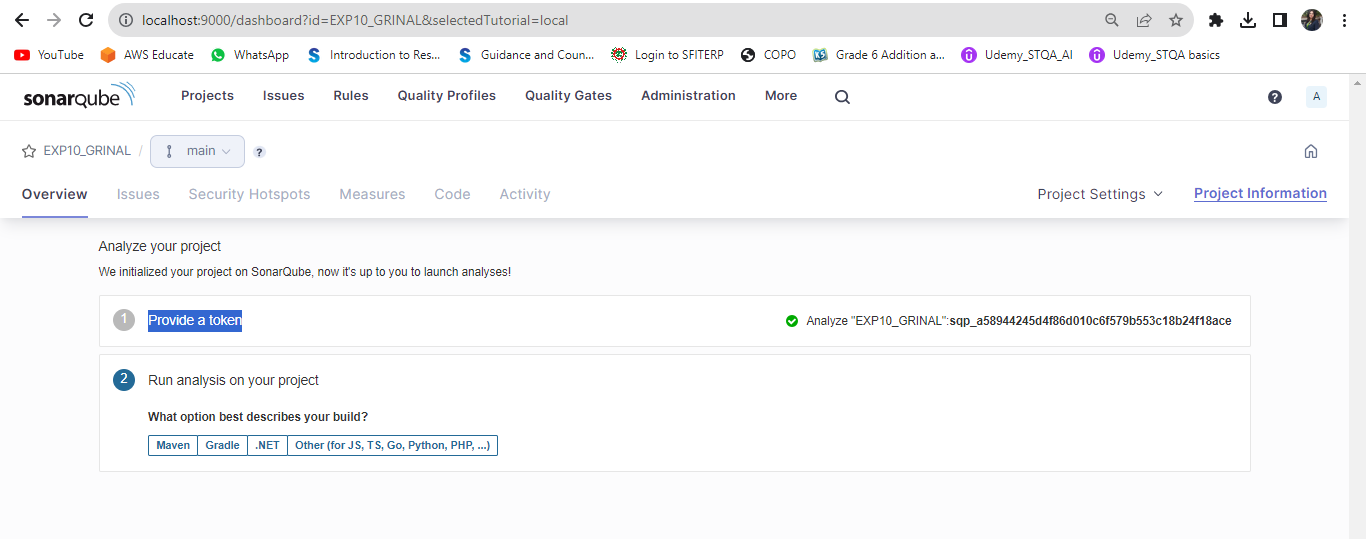


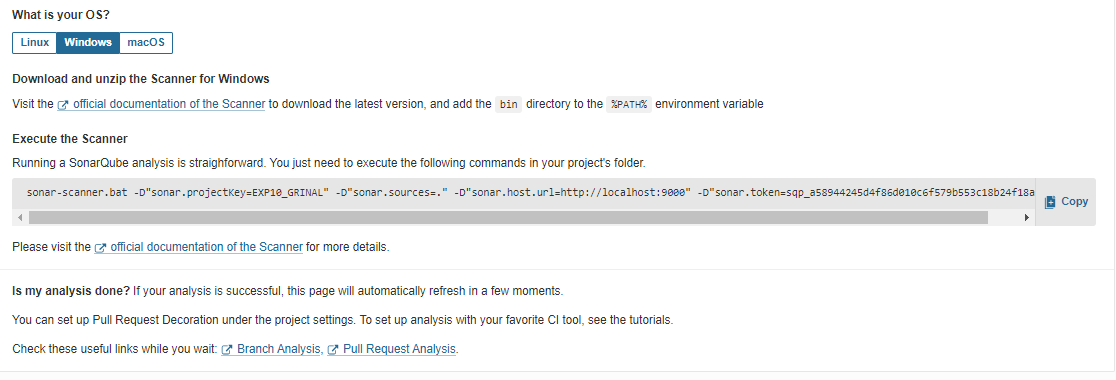
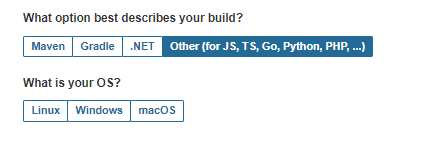
Provide a token

Analyze "EXP10\_GRINAL": sqp\_a58944245d4f86d010c6f579b553c18b24f18ace



**Click on Other and select OS as Windows**

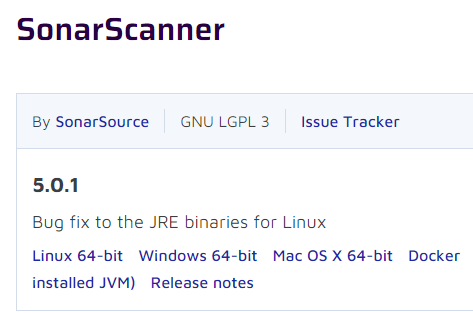




#### **Download and unzip the Scanner for Windows**

Visit the [official documentation of the Scanner](https://docs.sonarqube.org/10.1/analyzing-source-code/scanners/sonarscanner/) to download the latest version, and add the bin directory to the %PATH% environment variable

DOWNLOAD SONAR SCANNER



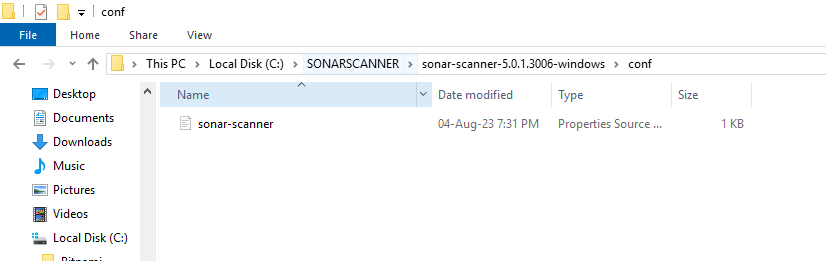
WIN 64

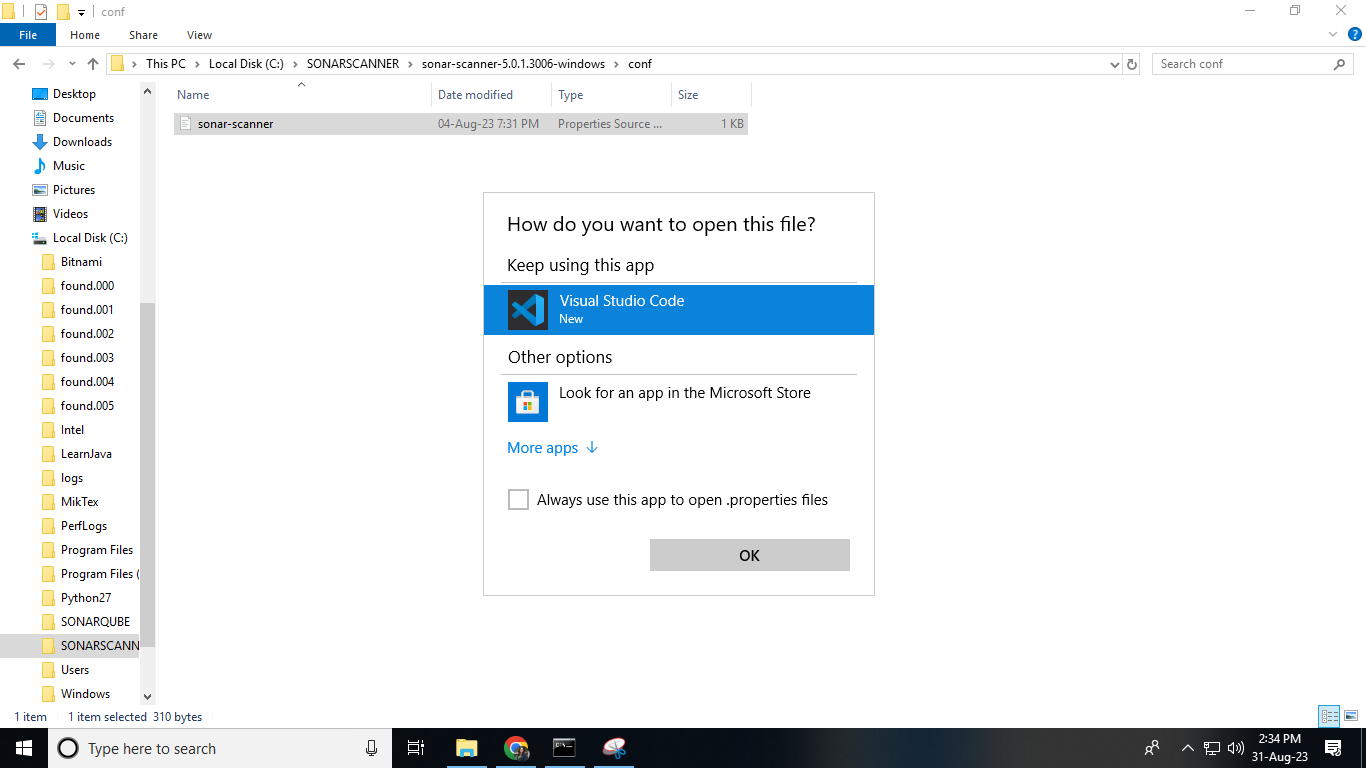
CREATE NEW FOLDER IN C DRIVE

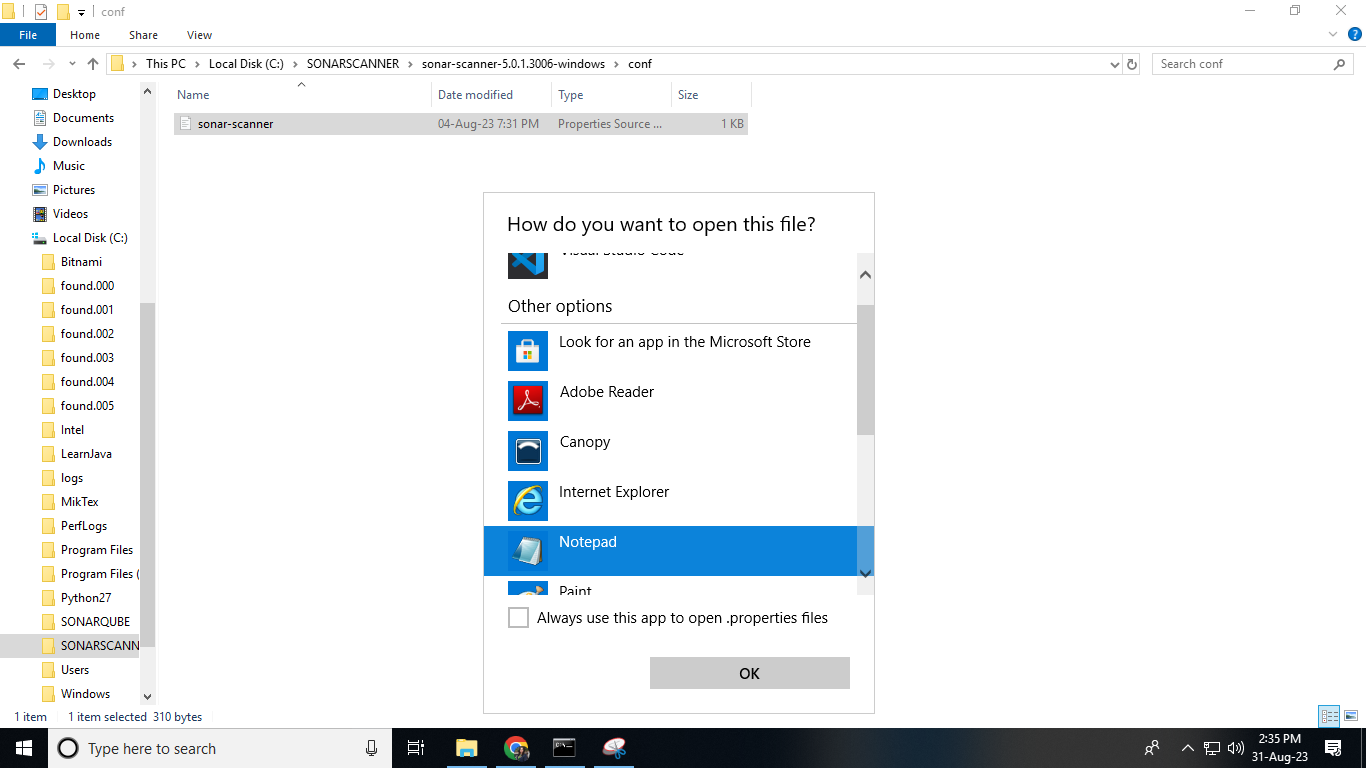
EXCTRACT DONLNOADED SONAR SCNNER ZIP FOLDER HERE

LOCATE THE CONF FILE

C:\SONARSCANNER\sonar-scanner-5.0.1.3006-windows\conf







CONF FILE CONTAINSFOLLOWING DATA

#Configure here general information about the environment, such as SonarQube server connection details for example

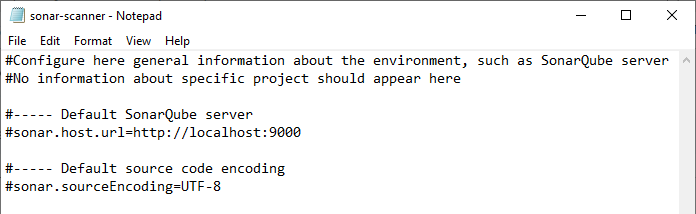
#No information about specific project should appear here

#----- Default SonarQube server

#sonar.host.url=http://localhost:9000

#----- Default source code encoding

#sonar.sourceEncoding=UTF-8



ADD FOLLOWING LINES

sonar.projectKey=EXP10\_GRINAL

sonar.projectName=EXP10\_GRINAL

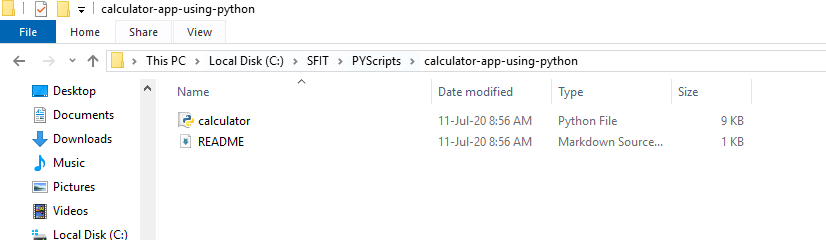
sonar.projectVersion=1.0

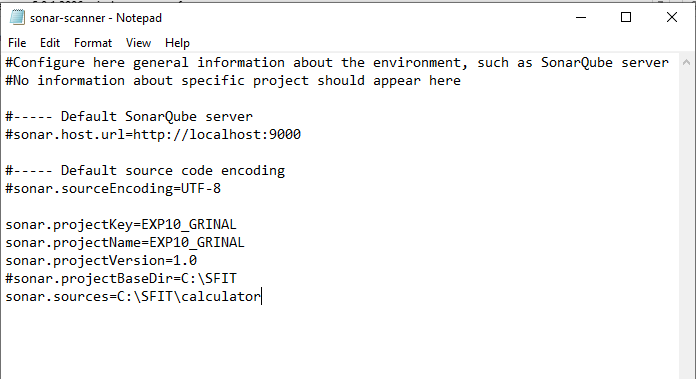
#sonar.projectBaseDir=C:\SFIT

sonar.sources=C:\SFIT\calculator-app-using-python

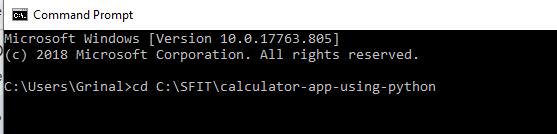
CREATE C:\SFIT\calculator FOLDERS IN C DRIVE

DOWNLOAD SOME PYHON PROJECT AND KEEP PYTHON FILES IN THIS FOLDER FOR SCANNING





Save the above file. Open new command prompt. Go to C:/SFIT/calculator and Run the copied command (from step 10) from dashboard on it. It will generate the report.





sonar-scanner.bat -D"sonar.projectKey=EXP10\_GRINAL" -D"sonar.sources=." -D"sonar.host.url=http://localhost:9000" -D"sonar.token=sqp\_a58944245d4f86d010c6f579b553c18b24f18ace"

