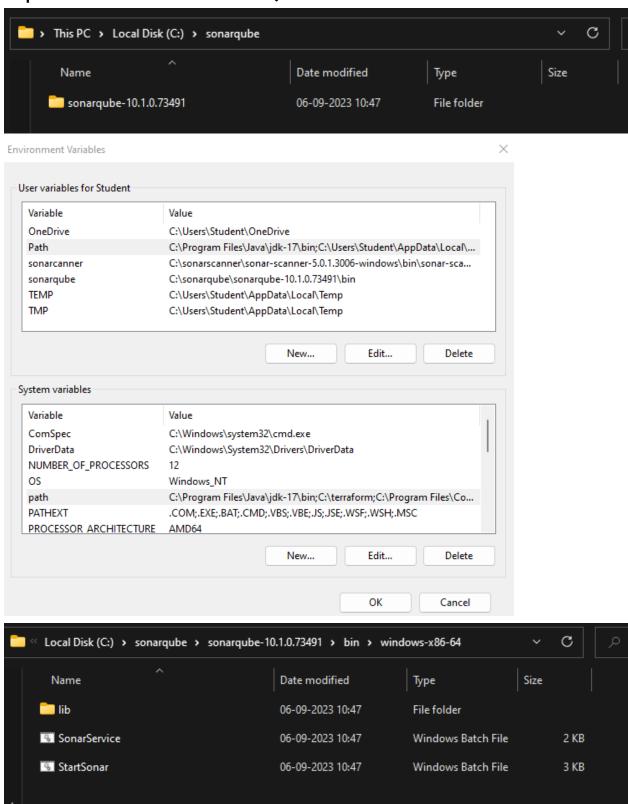
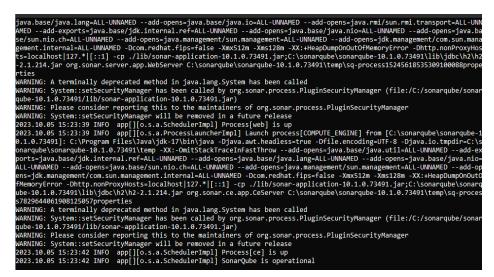
7. Laboratory Exercise

Step 1: StartSonar server from SonarQube folder



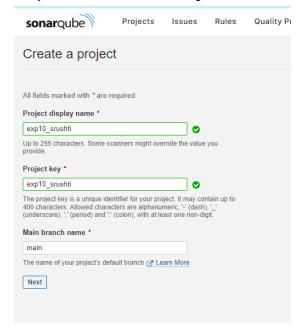


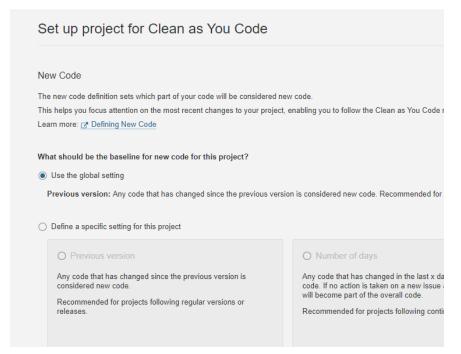
Step 2: : on browser chk https://localhost:9000

Step 3: By default Username and Password is admin. You can change the password here.

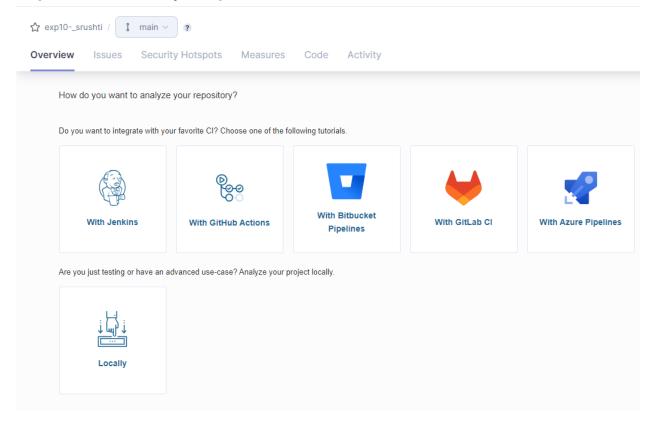


Step 5: Click on Manually. Create a Project with name

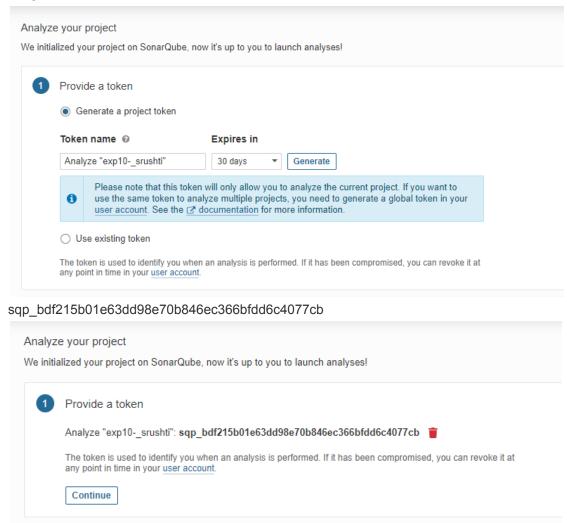




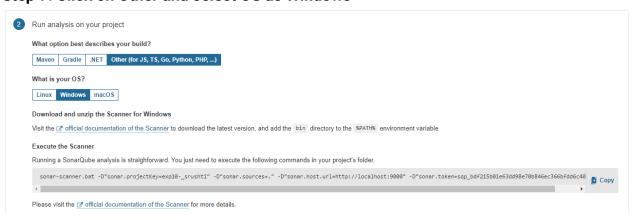
Step 6: Click on Locally and given token name



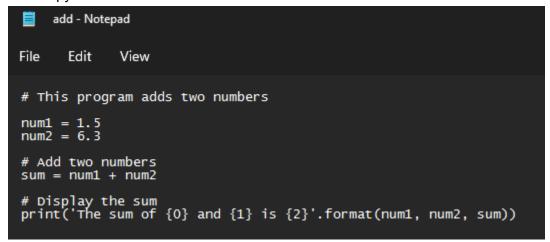
Step 7: Give token name and continue



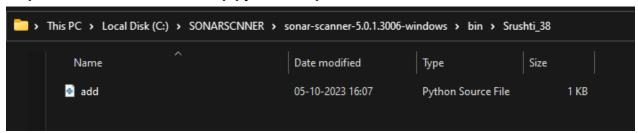
Step 8: Select what type of project you want to test Step 9: Click on Other and select OS as Windows



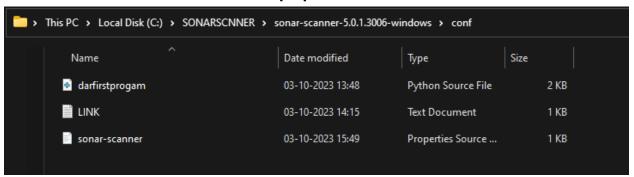
Write a python code



Step 10: Create a folder to keep python scripts



Step 11: Start configuration of the scanner. Add following lines to C:/SonarScanner/conf/Sonar-Scanner.properties





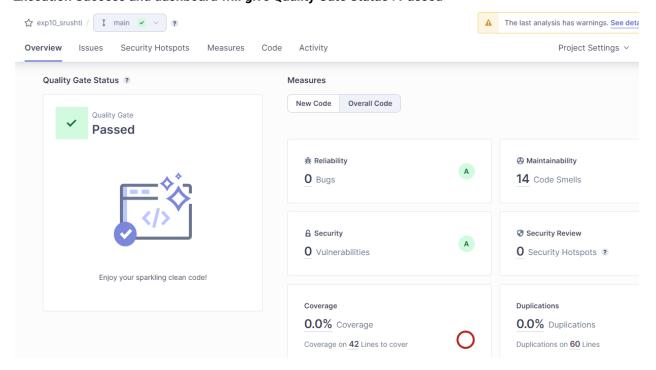
Step 12: Open new command prompt to Run and scan python files

sonar-scanner.bat -D"sonar.projectKey=exp10- srushti" -D"sonar.sources=."

- -D"sonar.host.url=http://localhost:9000"
- -D"sonar.token=sqp_bdf215b01e63dd98e70b846ec366bfdd6c4077cb"

```
Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\SONARSCNNER\sonar-scanner-5.0.1.3006-windows\bin> sonar-scanner.bat -D"sonar.projectKey=expl0-_srushti" -D"sonar.so
ocalhost:9000" -D"sonar.token=sqp_bdf215b01e63dd98e70b846ec366bfdd6c4077cb'
INFO: Scanner configuration file: C:\SONARSCNNER\sonar-scanner-5.0.1.3006-windows\bin\..\conf\sonar-scanner.properties
INFO: Project root configuration file: NONE
INFO: SonarScanner 5.0.1.3006
INFO: Java 17.0.7 Eclipse Adoptium (64-bit)
INFO: CPD EXECUTOR CPD calculation finished (done) | time=Ums
INFO: Analysis report generated in 47ms, dir size=139.7 kB
INFO: Analysis report compressed in 93ms, zip size=23.3 kB
INFO: Analysis report uploaded in 32ms
INFO: ANALYSIS SUCCESSFUL, you can find the results at: http://localhost:9000/das
INFO: Note that you will be able to access the updated dashboard once the server
INFO: More about the report processing at http://localhost:9000/api/ce/task?id=A\
INFO: Analysis total time: 5.535 s
INFO: ----
INFO: EXECUTION SUCCESS
INFO: -----
INFO: Total time: 6.704s
INFO: Final Memory: 23M/80M
INFO: -
PS C:\SONARSCNNER\sonar-scanner-5.0.1.3006-windows\bin>
```

Step 13: SonarQube command will give output on the dashboard. Command Prompt is showing Execution Success and dashboard will give Quality Gate Status: Passed



In Measures -> size



