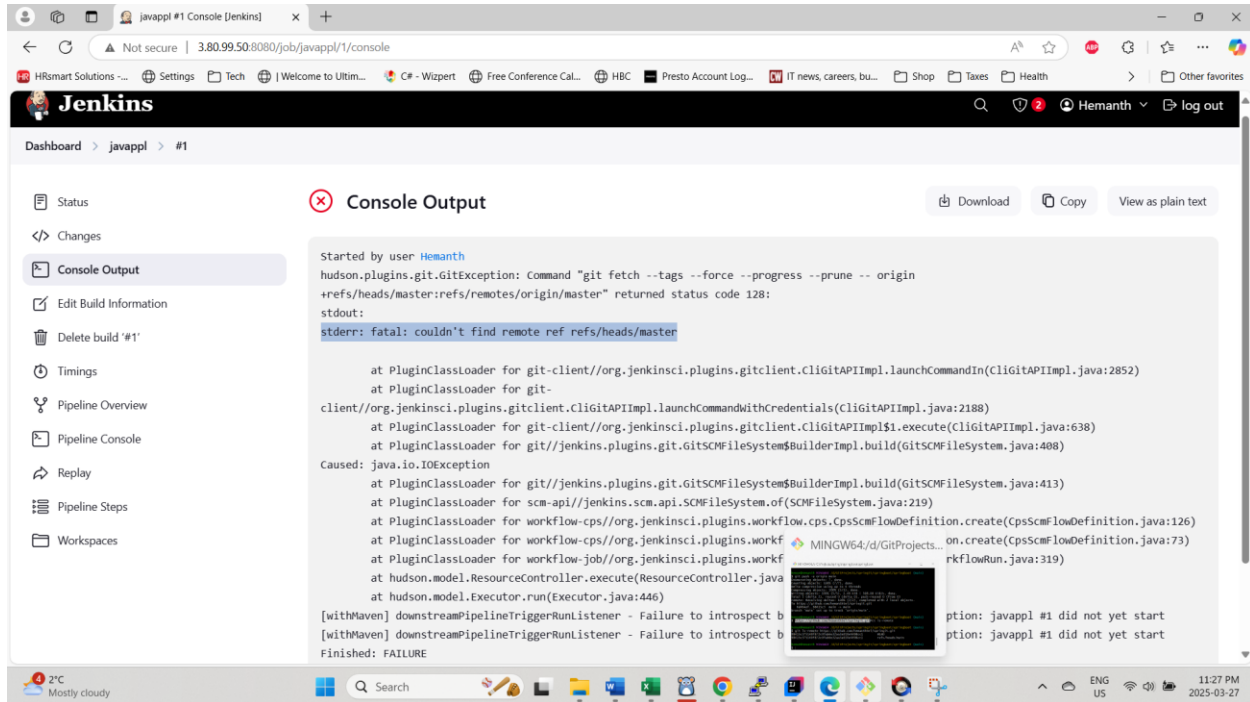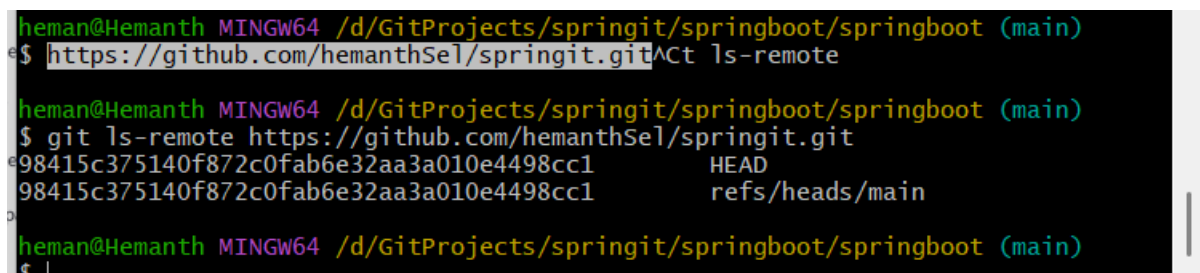# Troubleshooting steps performed
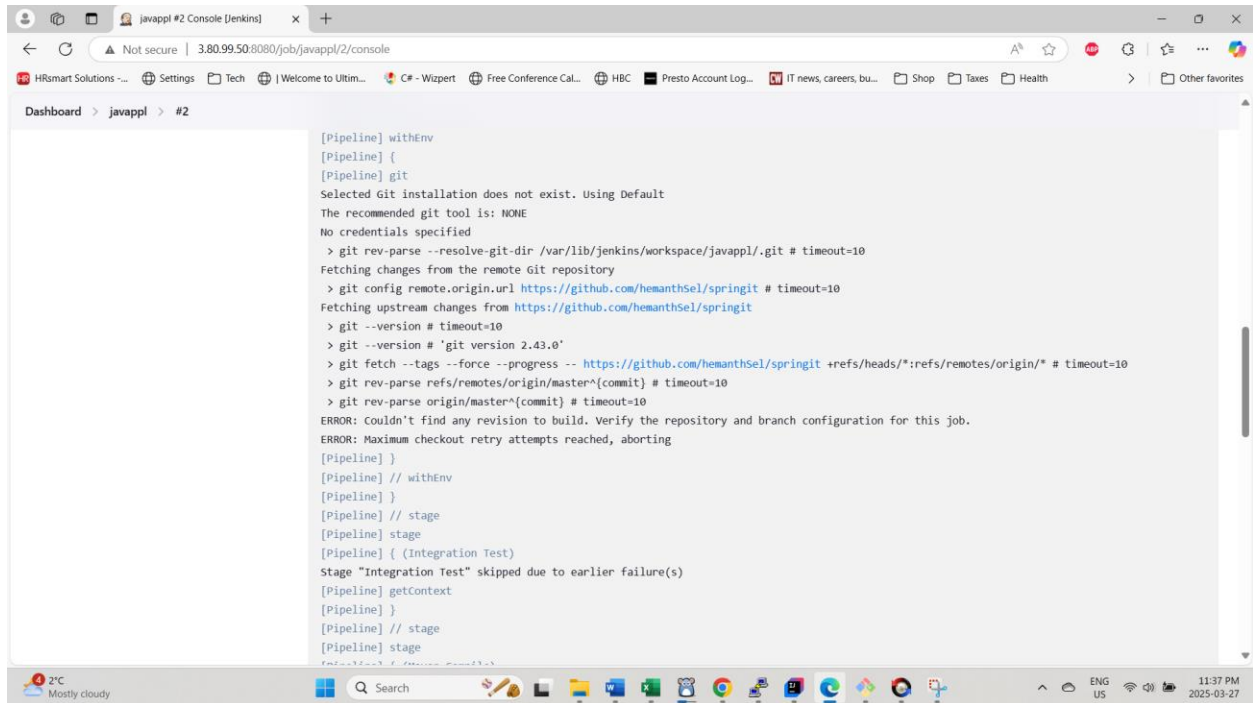
Error while build – Couldn't find remote ref

Under configure settings , update the branch to /*main

Error2 -couldn't find any revision to build

```
[Pipeline] withEnv
[Pipeline] {
[Pipeline] git
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/javappl/.git # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url https://github.com/hemanthSel/springit # timeout=10
Fetching upstream changes from https://github.com/hemanthSel/springit
 > git --version # timeout=10
 > git --version # 'git version 2.43.0'
 > git fetch --tags --force --progress -- https://github.com/hemanthSel/springit +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
 > git rev-parse origin/master^{commit} # timeout=10
ERROR: Couldn't find any revision to build. Verify the repository and branch configuration for this job.
ERROR: Maximum checkout retry attempts reached, aborting
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Integration Test)
Stage "Integration Test" skipped due to earlier failure(s)
[Pipeline] getContext
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
```

Update branch name in Jenkinsfile and push the code to github

```
g
heman@Hemanth MINGW64 /d/GitProjects/springit/springboot/springboot (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   Jenkinsfile

no changes added to commit (use "git add" and/or "git commit -a")

heman@Hemanth MINGW64 /d/GitProjects/springit/springboot/springboot (main)
$ git add .

heman@Hemanth MINGW64 /d/GitProjects/springit/springboot/springboot (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   Jenkinsfile


heman@Hemanth MINGW64 /d/GitProjects/springit/springboot/springboot (main)
$ git commit -m "updated branch name in the jenkins file"
[main f9cb2a5] updated branch name in the jenkins file
 1 file changed, 1 insertion(+), 1 deletion(-)

heman@Hemanth MINGW64 /d/GitProjects/springit/springboot/springboot (main)
$ git push -u origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 308 bytes | 308.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/hemanthSel/springit.git
   98415c3..f9cb2a5  main -> main
branch 'main' set up to track 'origin/main'.

heman@Hemanth MINGW64 /d/GitProjects/springit/springboot/springboot (main)
$
```
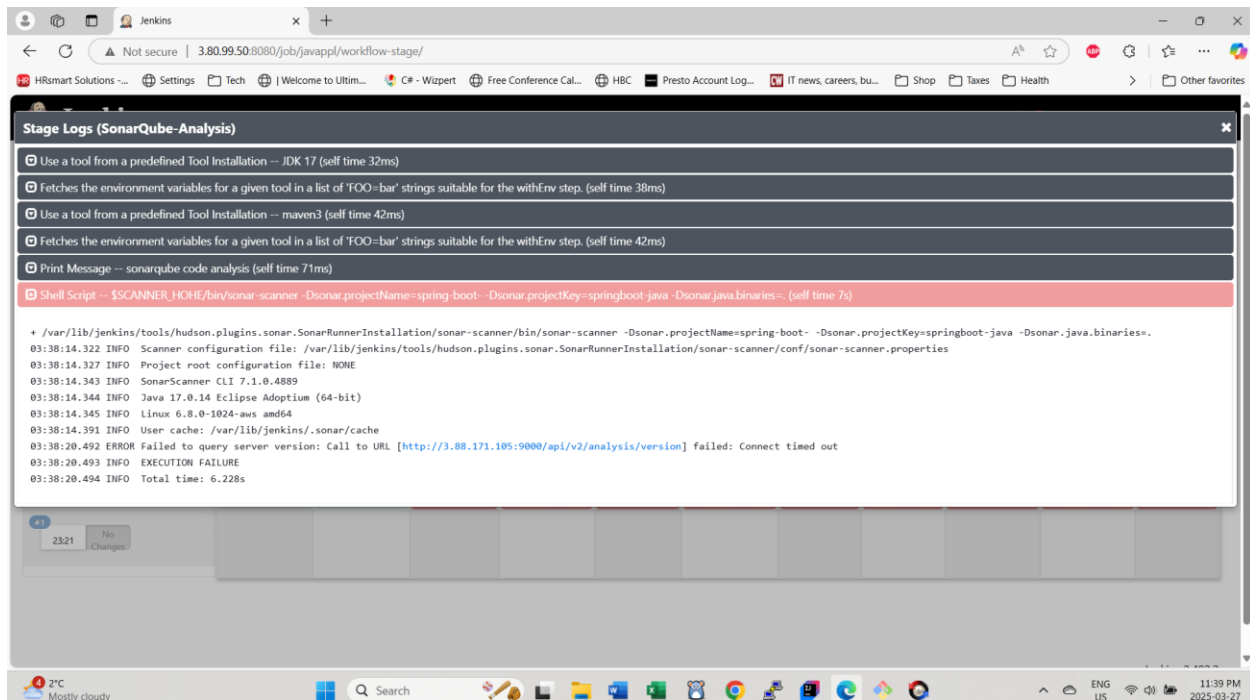
Error 3 – Connection timeout

Run the docker container on the vm

```
Login Succeeded
root@ip-172-31-31-78:~# docker ps
CONTAINER ID   IMAGE      COMMAND      CREATED      STATUS      PORTS       NAMES
root@ip-172-31-31-78:~# docker ps -a
CONTAINER ID   IMAGE              COMMAND             CREATED      STATUS             PORTS       NAM
ES
66db8141e770   sonarqube:latest   "/opt/sonarqube/dock…"  3 days ago   Exited (130) 34 hours ago      son
arqube
root@ip-172-31-31-78:~# docker start sonarqube
sonarqube
root@ip-172-31-31-78:~# docker ps
CONTAINER ID   IMAGE              COMMAND             CREATED      STATUS        PORTS
              NAMES
66db8141e770   sonarqube:latest   "/opt/sonarqube/dock…"  3 days ago   Up 4 seconds  0.0.0.0:9000->9000/tcp, [:
:]:9000->9000/tcp   sonarqube
root@ip-172-31-31-78:~#
```

Error-4:Docker login failed

```
[Pipeline] {
[Pipeline] echo
Docker Image started...
[Pipeline] withDockerRegistry
$ /var/lib/jenkins/tools/org.jenkinsci.plugins.docker.commons.tools.DockerTool/docker/bin/docker login -u hemanth509 -p ********
https://index.docker.io/v1/
Warning: failed to get default registry endpoint from daemon (Got permission denied while trying to connect to the Docker daemon socket at
unix:///var/run/docker.sock: Get http://%2Fvar%2Frun%2Fdocker.sock/v1.29/info: dial unix /var/run/docker.sock: connect: permission denied).
Using system default: https://index.docker.io/v1/
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post
http://%2Fvar%2Frun%2Fdocker.sock/v1.29/auth: dial unix /var/run/docker.sock: connect: permission denied
[Pipeline] // withDockerRegistry
```

Run chmod 777

Sonarcube logs


```
Injecting SonarQube environment variables using the configuration: sonarqube installation
[Pipeline] {
[Pipeline] sh
+ /var/lib/jenkins/tools/hudson.plugins.sonar.SonarRunnerInstallation/sonar-scanner/bin/sonar-scanner -Dsonar.projectName=spring-boot- -
Dsonar.projectKey=springboot-java -Dsonar.java.binaries=.
05:35:19.354 INFO  Scanner configuration file: /var/lib/jenkins/tools/hudson.plugins.sonar.SonarRunnerInstallation/sonar-scanner/conf/sonar-
scanner.properties
05:35:19.358 INFO  Project root configuration file: NONE
05:35:19.372 INFO  SonarScanner CLI 7.1.0.4889
05:35:19.374 INFO  Java 17.0.14 Eclipse Adoptium (64-bit)
05:35:19.374 INFO  Linux 6.8.0-1024-aws amd64
05:35:19.414 INFO  User cache: /var/lib/jenkins/.sonar/cache
05:35:20.974 INFO  Communicating with SonarQube Community Build 25.3.0.104237
05:35:20.975 INFO  JRE provisioning: os[linux], arch[x86_64]
05:35:22.456 INFO  Starting SonarScanner Engine...
05:35:22.458 INFO  Java 17.0.13 Eclipse Adoptium (64-bit)
05:35:24.582 INFO  Load global settings
05:35:24.899 INFO  Load global settings (done) | time=318ms
05:35:24.903 INFO  Server id: 147B411E-AZXLLK7D5H6KEUBKOXX-
05:35:24.922 INFO  Loading required plugins
05:35:24.923 INFO  Load plugins index
05:35:25.152 INFO  Load plugins index (done) | time=230ms
05:35:25.152 INFO  Load/download plugins
05:35:25.231 INFO  Load/download plugins (done) | time=79ms
05:35:25.755 INFO  Process project properties
05:35:25.756 INFO  Process project properties (done) | time=0ms
05:35:25.773 INFO  Project key: springboot-java
05:35:25.778 INFO  Base dir: /var/lib/jenkins/workspace/javappl@2
```



```
05:35:38.151 INFO  Sensor TextAndSecretsSensor [text] (done) | time=752ms
05:35:38.160 INFO  ------------- Run sensors on project
05:35:38.457 INFO  Sensor Zero Coverage Sensor
05:35:38.472 INFO  Sensor Zero Coverage Sensor (done) | time=14ms
05:35:38.473 INFO  Sensor Java CPD Block Indexer
05:35:38.493 INFO  Sensor Java CPD Block Indexer (done) | time=20ms
05:35:38.493 INFO  ------------- Gather SCA dependencies on project
05:35:38.511 INFO  CPD Executor 3 files had no CPD blocks
05:35:38.511 INFO  CPD Executor Calculating CPD for 1 file
05:35:38.527 INFO  CPD Executor CPD calculation finished (done) | time=14ms
05:35:38.537 INFO  SCM revision ID '435ac3425ee45cefc78346d53b225e0786587a37'
05:35:38.680 INFO  Analysis report generated in 139ms, dir size=246.6 kB
05:35:38.729 INFO  Analysis report compressed in 51ms, zip size=37.2 kB
05:35:38.904 INFO  Analysis report uploaded in 175ms
05:35:38.908 INFO  ANALYSIS SUCCESSFUL, you can find the results at: http://3.80.99.50:9000/dashboard?id=springboot-java
05:35:38.908 INFO  Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
05:35:38.911 INFO  More about the report processing at http://3.80.99.50:9000/api/ce/task?id=e0bba50b-dcda-4596-b9e5-bc708dd55a52
05:35:39.134 INFO  Analysis total time: 13.829 s
05:35:39.137 INFO  SonarScanner Engine completed successfully
05:35:39.500 INFO  EXECUTION SUCCESS
05:35:39.502 INFO  Total time: 20.196s
[Pipeline] echo
End of sonarqube code analysis
[Pipeline] }
[Pipeline] // withSonarQubeEnv
[Pipeline] }
[Pipeline] // script
[Pipeline] }
```