**Assignment:**

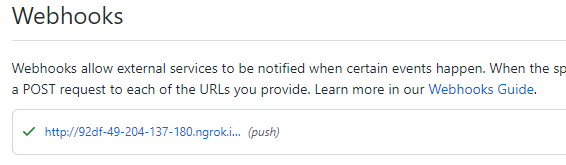
**End to End Scenario 1 & 2 & 3 (Mavens + Git + Jenkins)**

1. Fork our GitHub repo.

<https://github.com/PoornimaSivakumar03031988/JenkinsRealTime>

1. Setup the Webhook

<http://92df-49-204-137-180.ngrok.io/github-webhook/>



**Note:** Tick mark appeared after the Jenkin job setup.

1. Create a Jenkins Maven Job.

* To create different job trigger, we need to do parameterization for the test.
  + **General**
    - Select the checkbox ‘The project is parameterized’
      * Select ‘Choice Parameter’
        + Name 🡪 suiteName
        + Choices 🡪

Poornima

Smoke

Regression

* + - * + Description 🡪 Choose the Suite to run
  + **Source Code Management**
    - Select the checkbox ‘The project is parameterized’
      * Repository URL 🡪 <https://github.com/PoornimaSivakumar03031988/JenkinsRealTime>
      * Branch Specifier 🡪 main
  + **Build**
    - Root POM 🡪 pom.xml
    - Goals and options 🡪 **test -DsuiteXml=${suiteName}Tests.xml**
  + **Email setup to be done.**

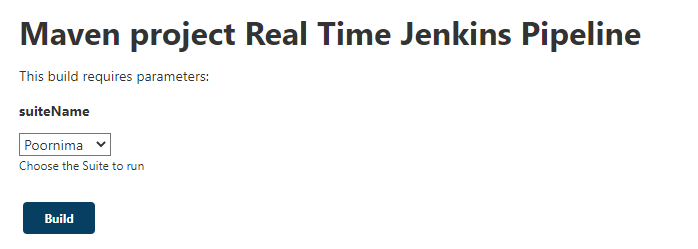
1. Setup the github.
2. Configure the maven build.

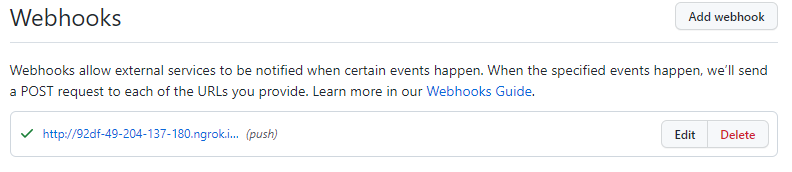
Manage Jenkins 🡪 Global Took Configuration 🡪 Maven

1. Configure the post email options.
2. **Scenario 1:**

**Pre-condition:**

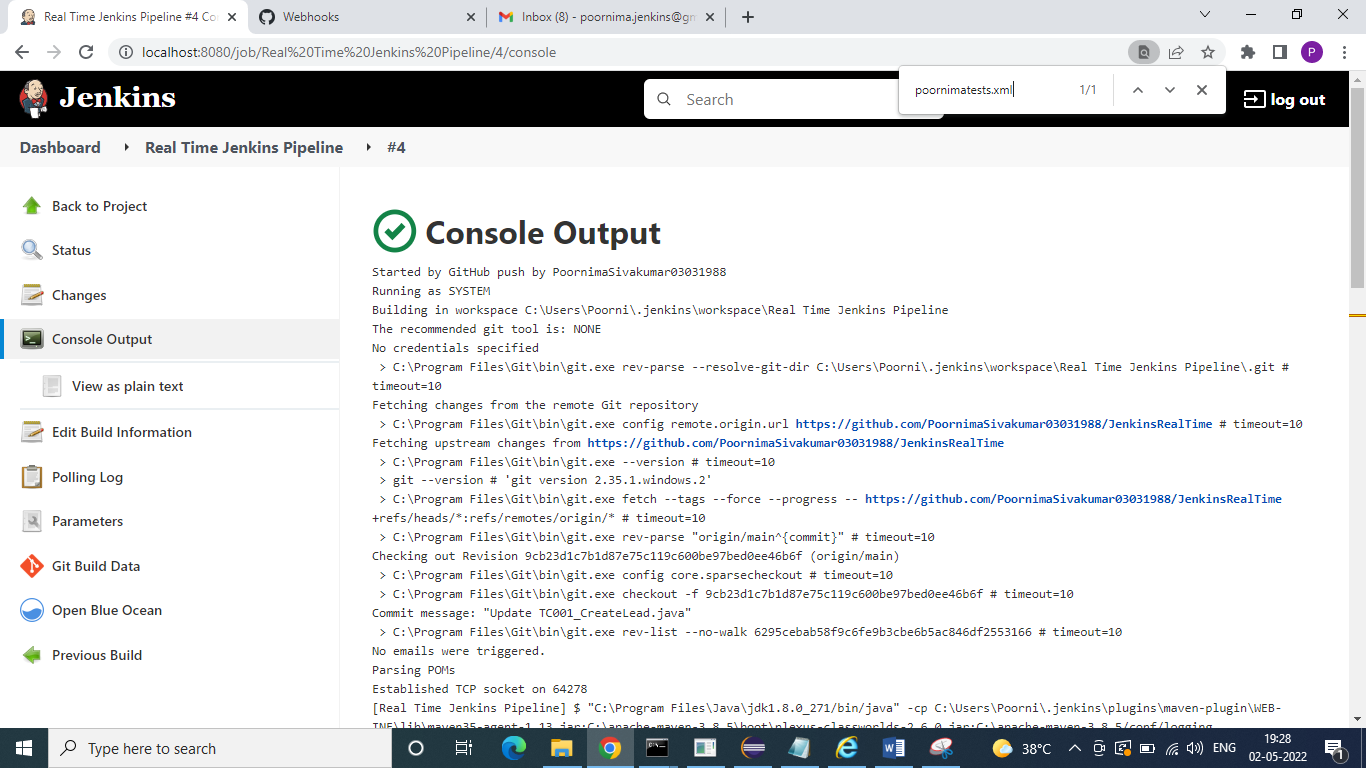
* + - * Webhook configuration setup.
      * Parametrization setup on job to be done.
      * Select **‘GitHub hook trigger for GITScm polling’** from Build triggers.

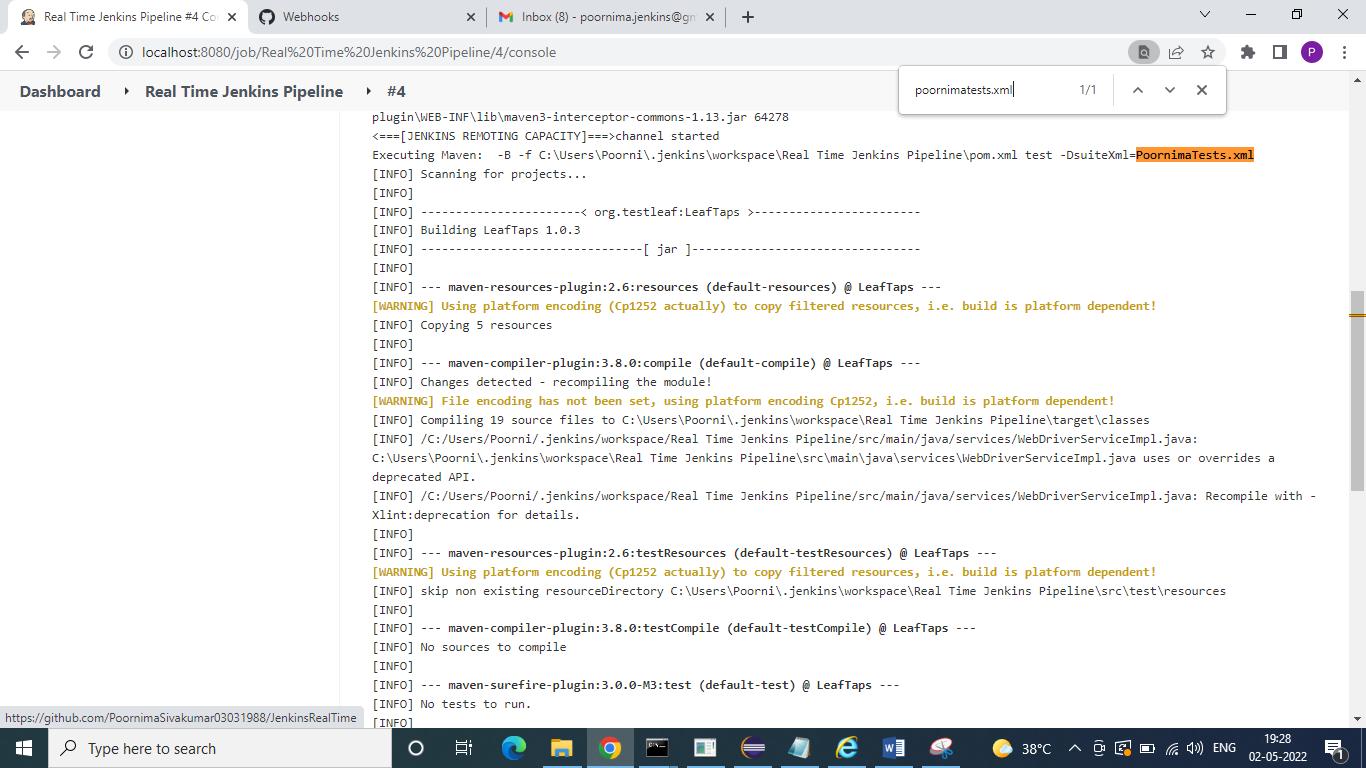


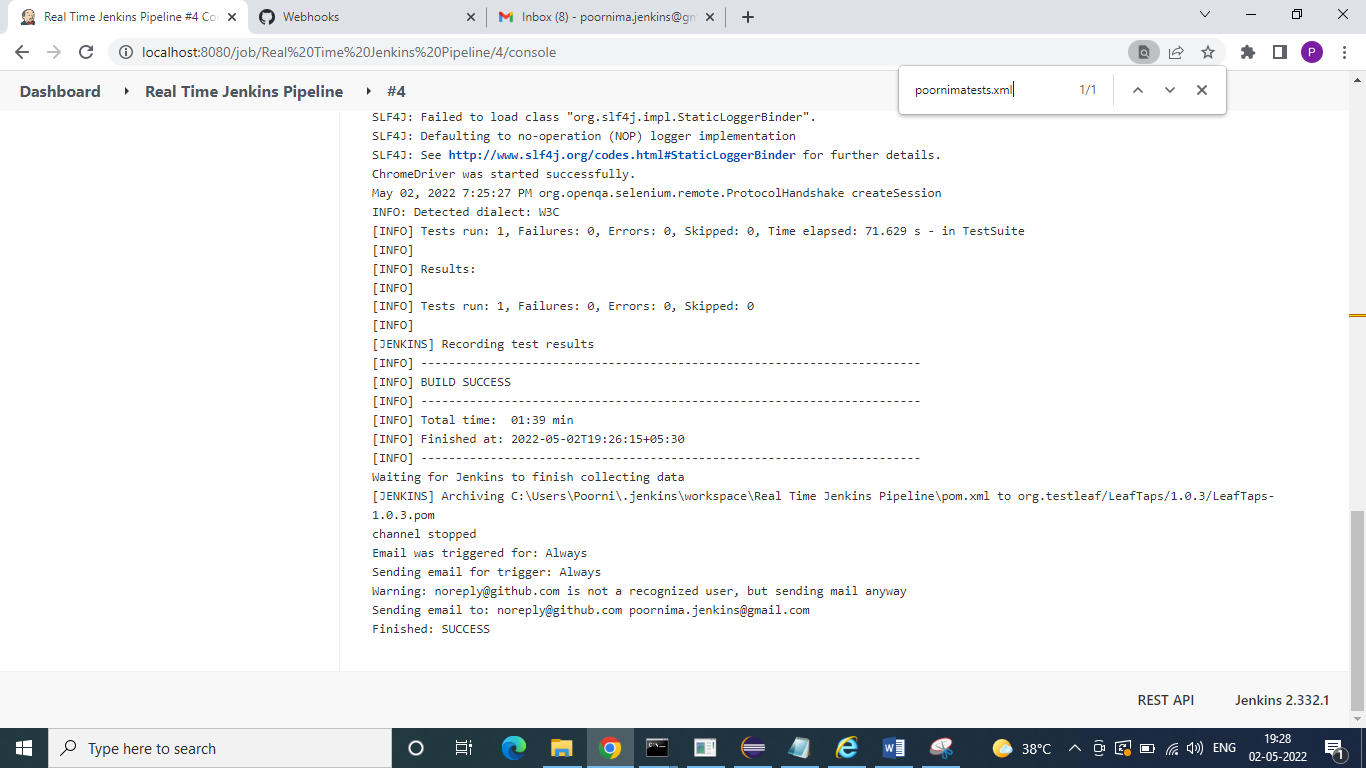


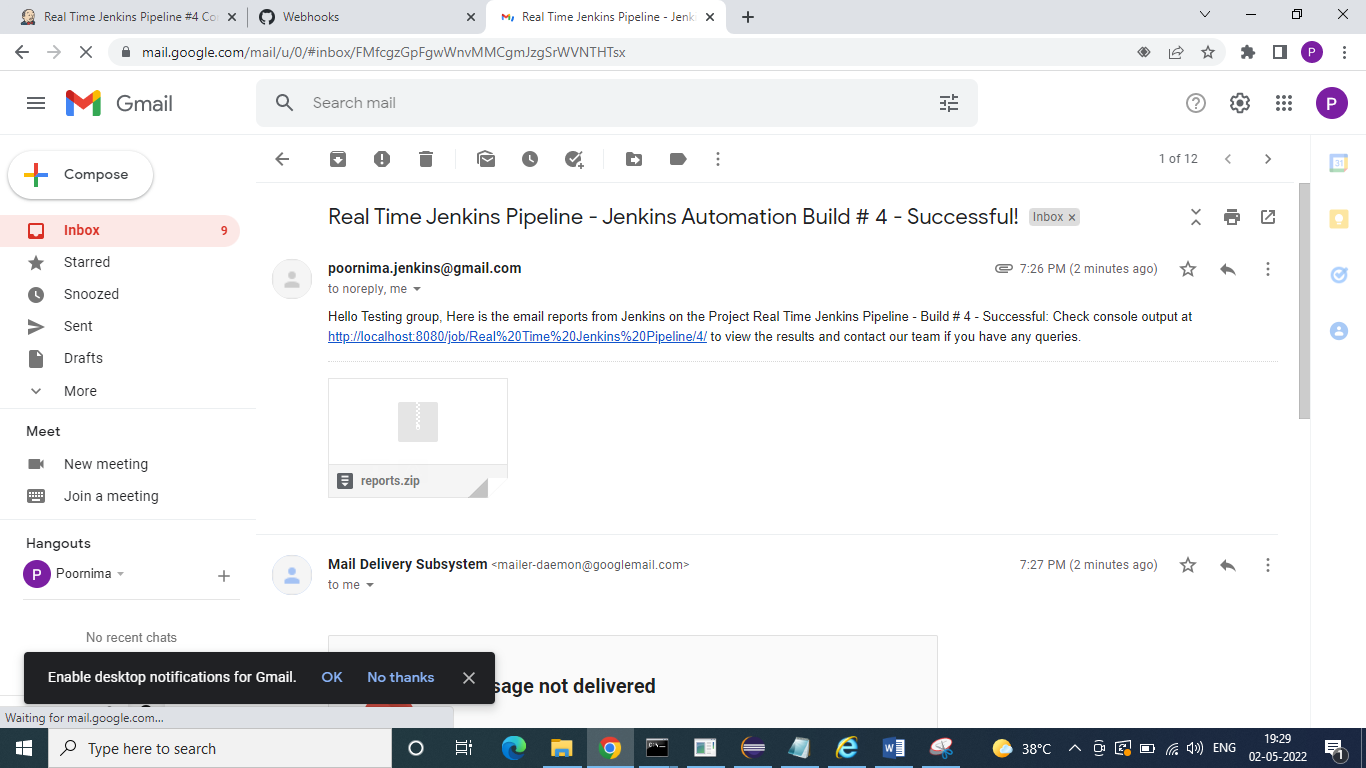
**Post-Validation:**

* + - * Make a code change in your git repo.
      * Verify the Webhook is displayed with tick mark when the code is pushed.
      * Confirm the job trigger of only your authored tests. (Eg: Poornima (Default test))
      * Verify the emailed reports has your test results.









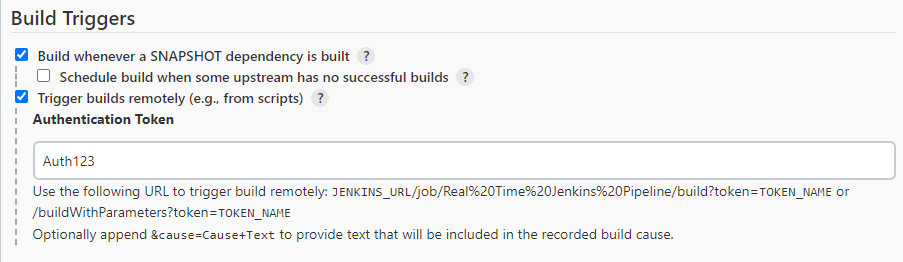
1. **Scenario 2:**

**Pre-condition:**

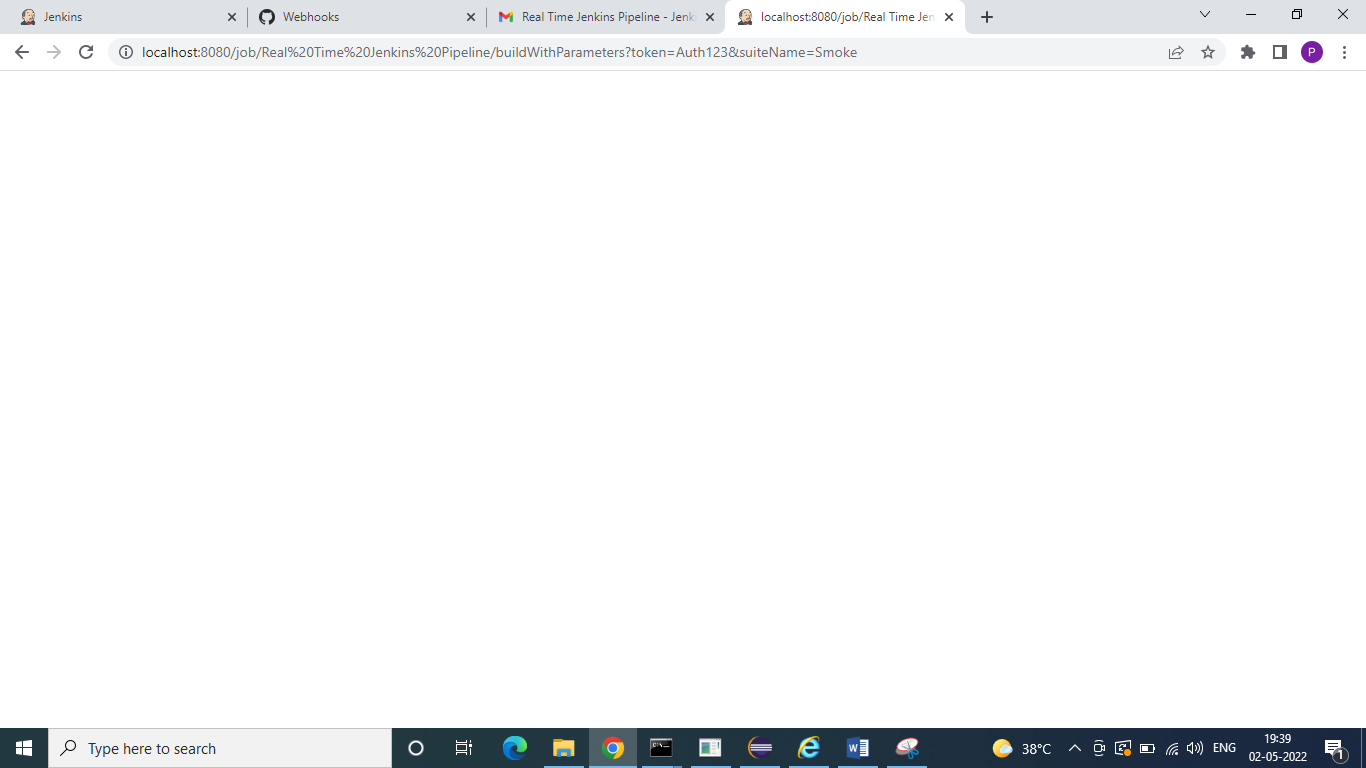
* + - * ‘Trigger builds remotely’ from Build triggers.
      * **Authentication Token:**

[http://localhost:8080/job/Real%20Time%20Jenkins%20Pipeline/**buildWithParameters**?token=Auth123&**suiteName=Smoke**](http://localhost:8080/job/Real%20Time%20Jenkins%20Pipeline/buildWithParameters?token=Auth123&suiteName=Smoke)

**Note:** suiteName is the parameterized name in the Jenkins job (Eg: Real Time Jenkins Pipeline’





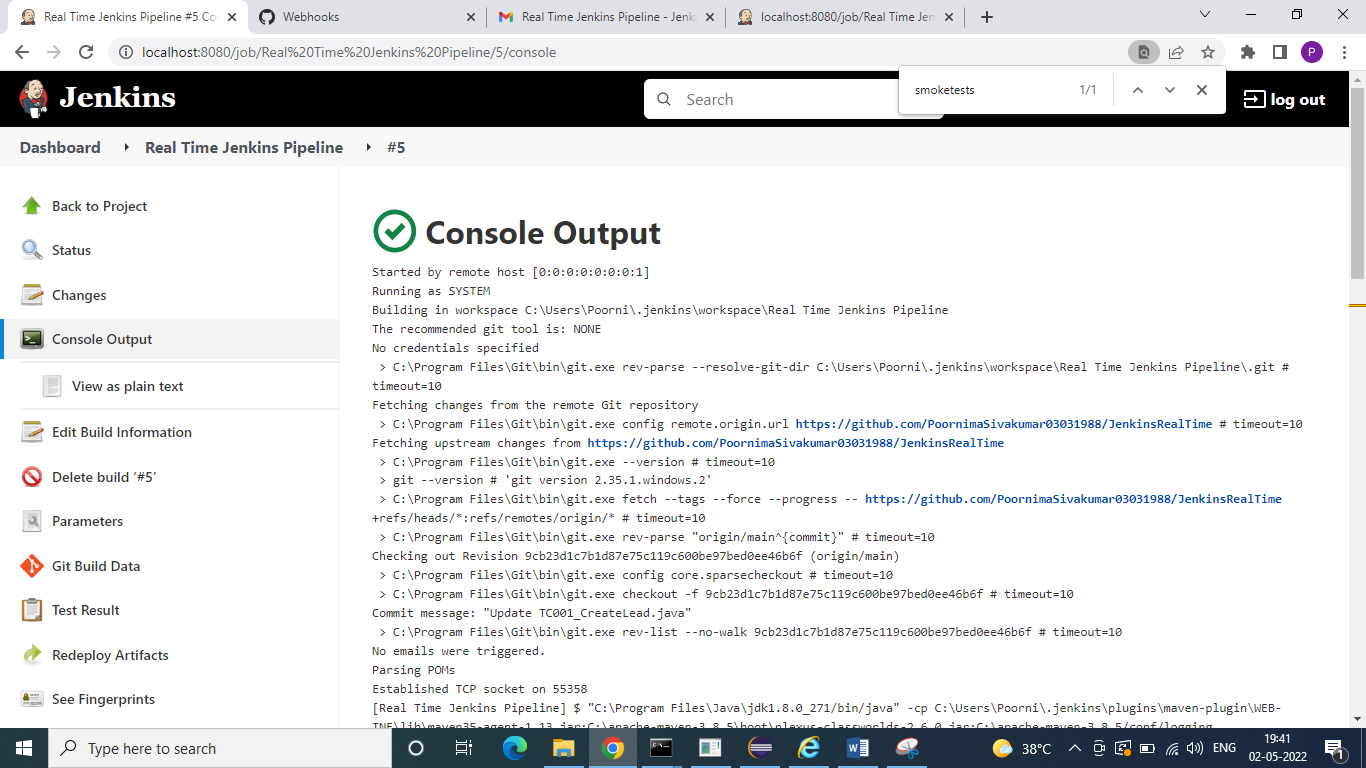


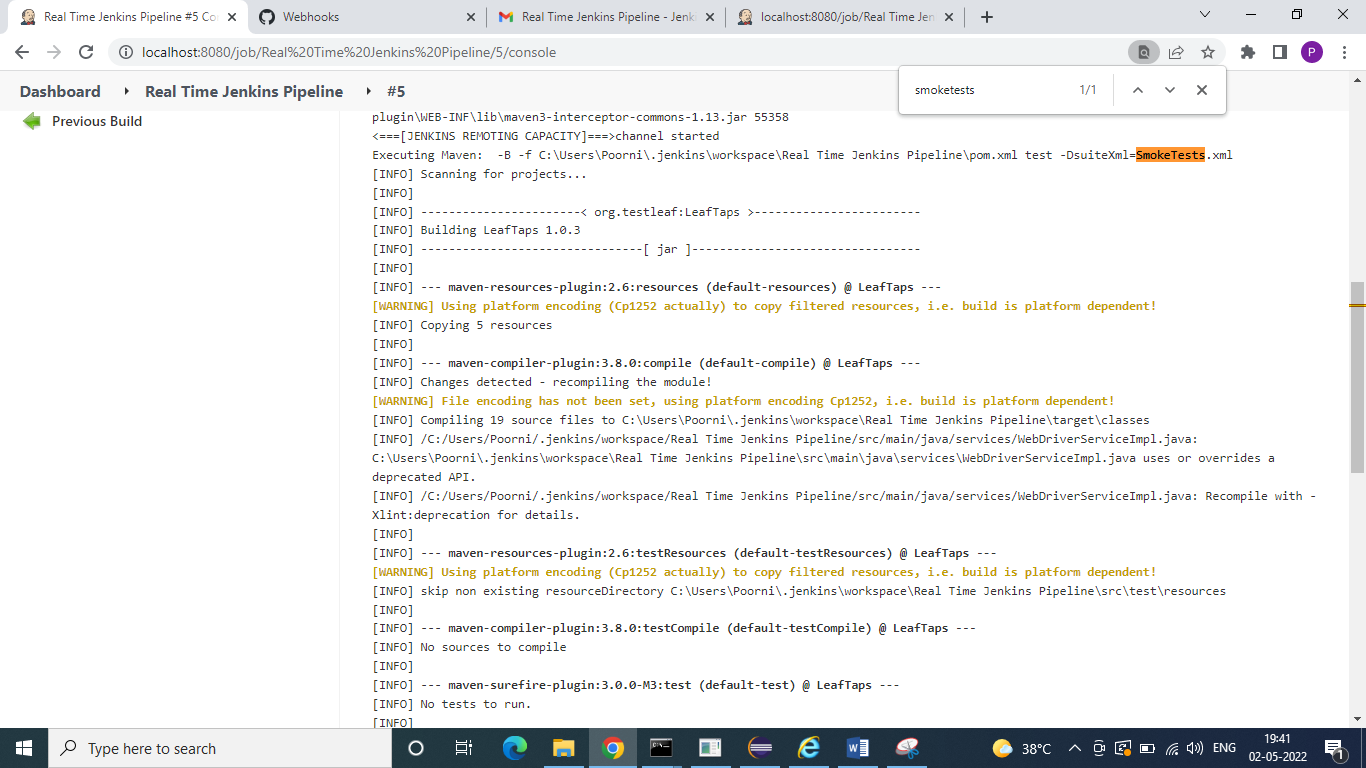
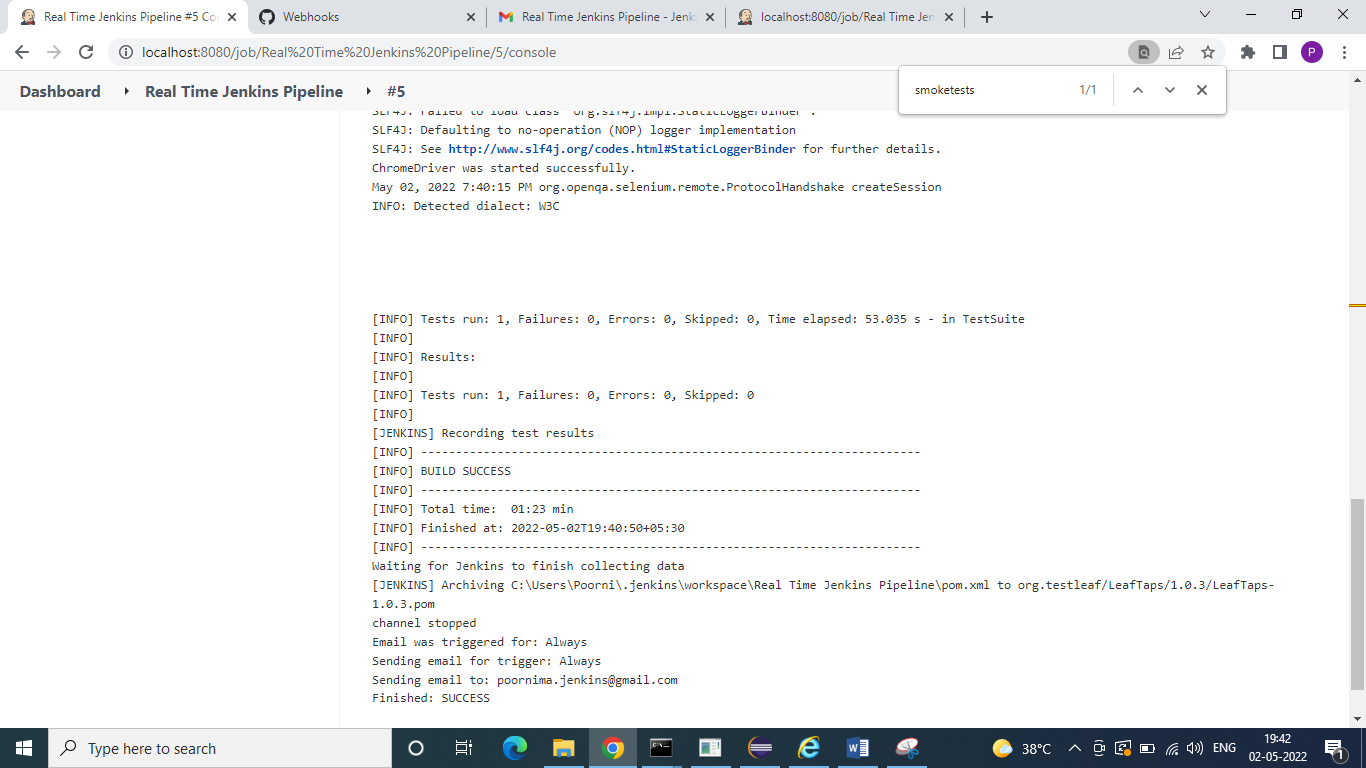
**Post-Validation:**

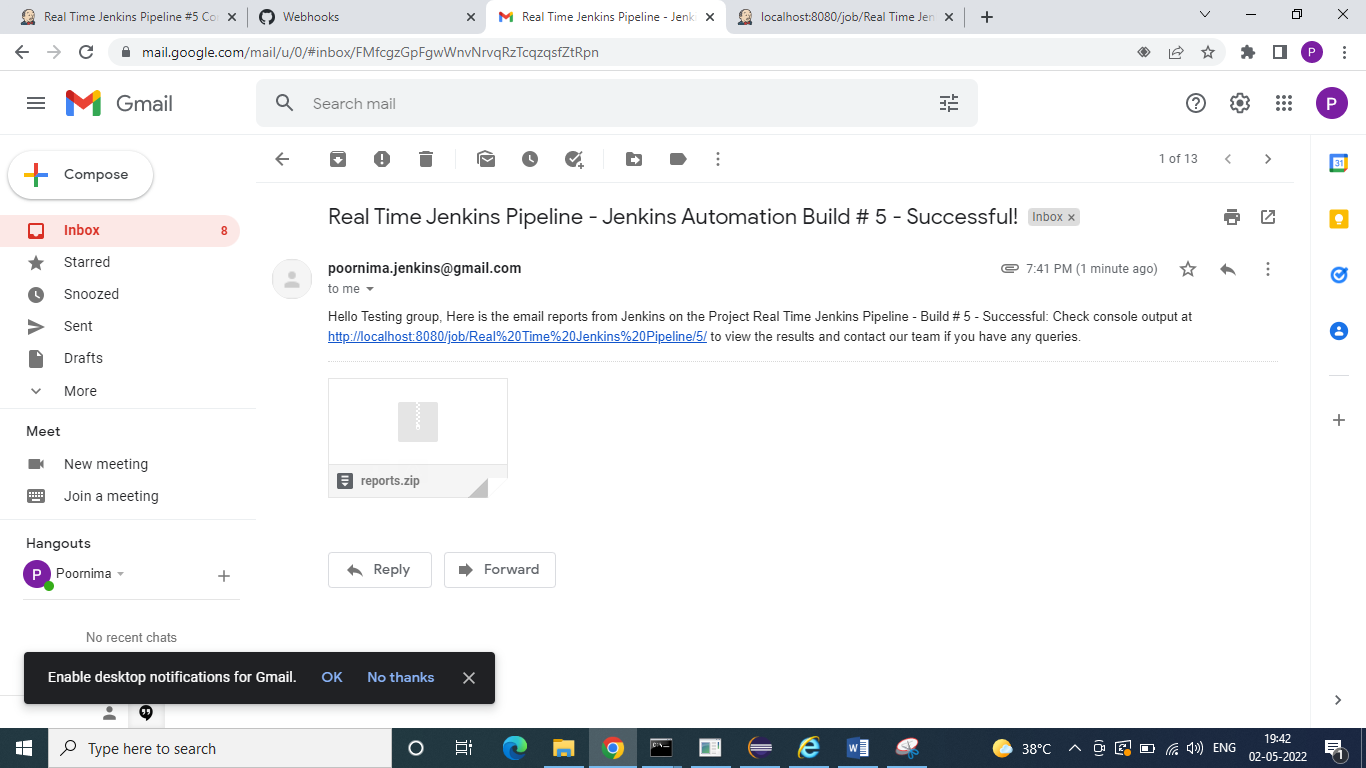
* + - * Enter the URL in browser to trigger the job through Jenkins:

<http://localhost:8080/job/Real%20Time%20Jenkins%20Pipeline/buildWithParameters?token=Auth123&suiteName=Smoke>

* + - * Confirm the job trigger of only smoke test. (Eg: Smoke)
      * Verify the emailed reports has your test results.





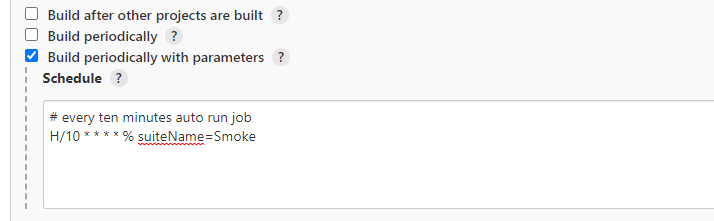
1. **Scenario 3:**

**Pre-condition:**

* + - * Manage Jenkins 🡪 Manage Plugins 🡪 Available 🡪 Search for ‘Parameterized Scheduler’ 🡪 Click on ‘Install without restart’.
      * Go to the job **‘Build Periodically with parameterized’** from Build triggers.
      * Enter the below,

**H/10 \* \* \* \* % suiteName=Smoke**

(This will run the particular job on particular time)



**Post-Validation:**

* + - * Confirm the job trigger of only regression test. (Eg: Regression) 🡪 **Facing some problem in TC so ran Smoke.**
      * Verify the emailed reports has your test results.

