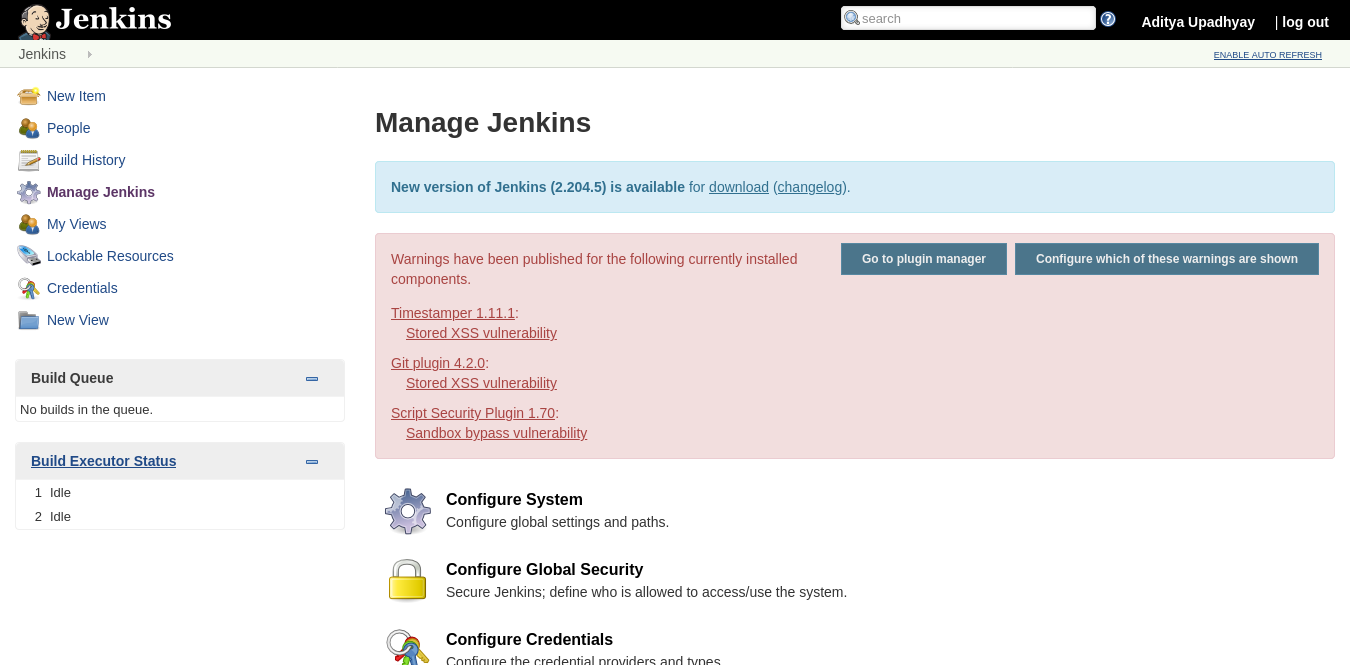
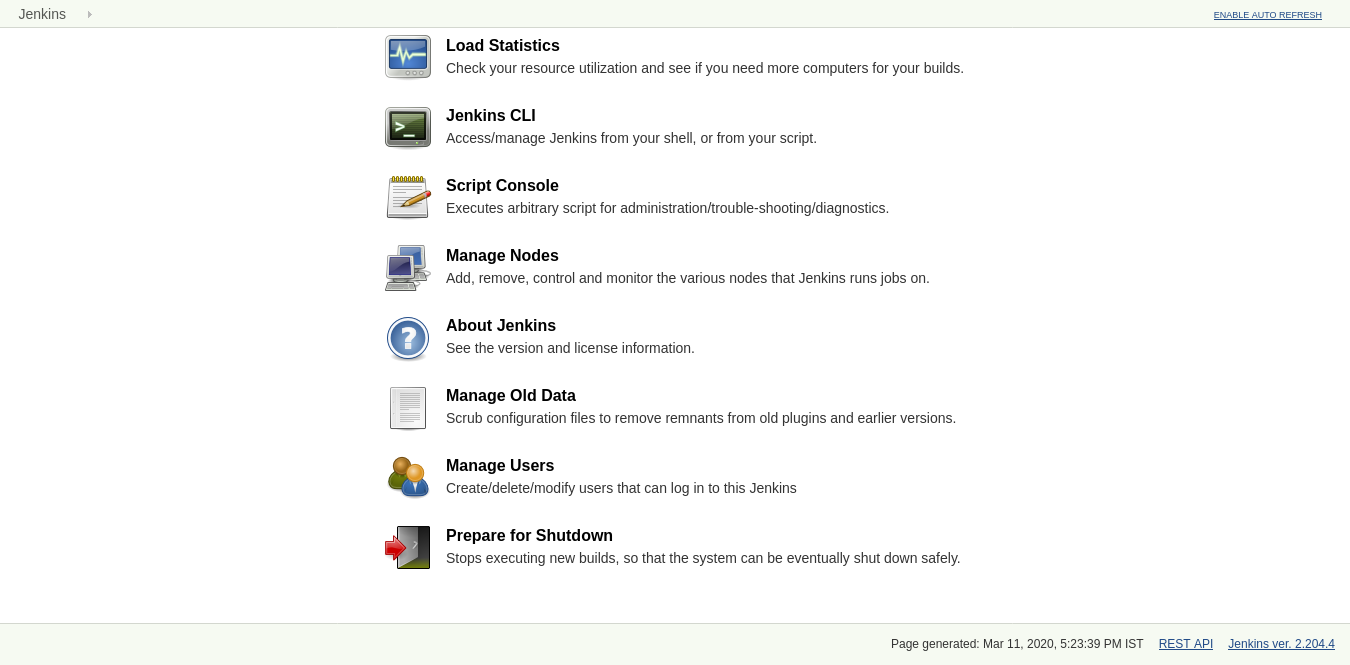
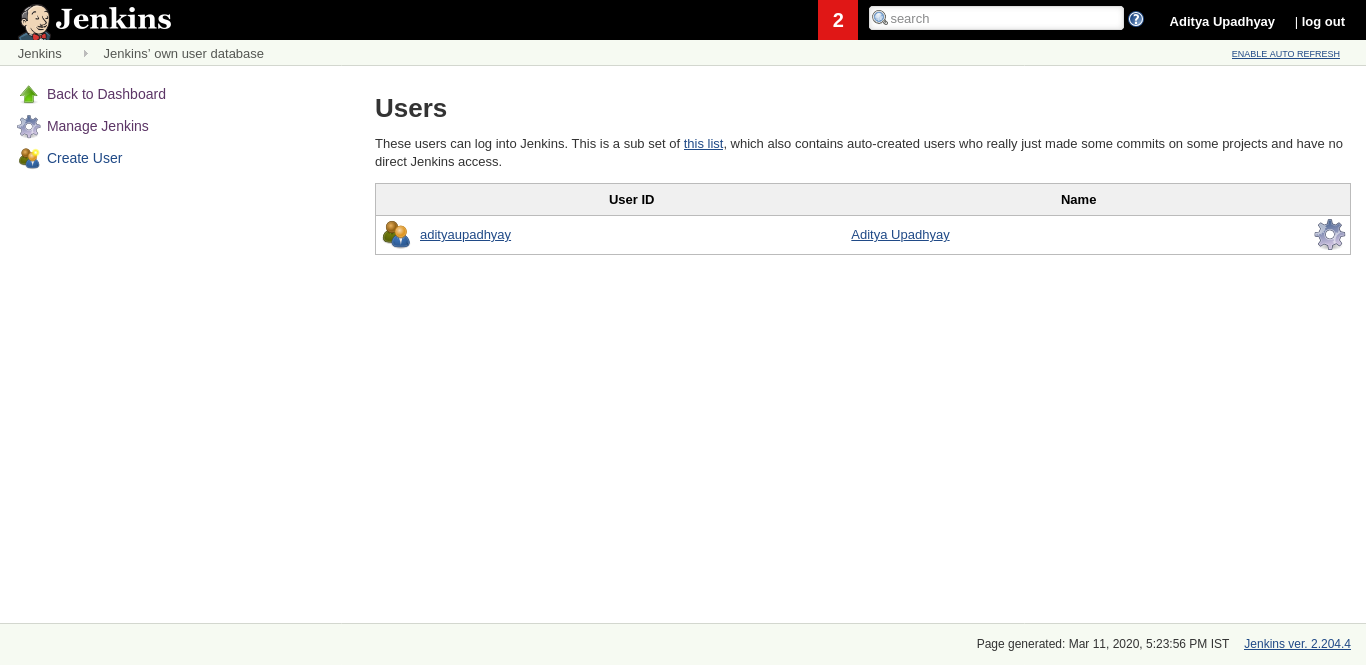
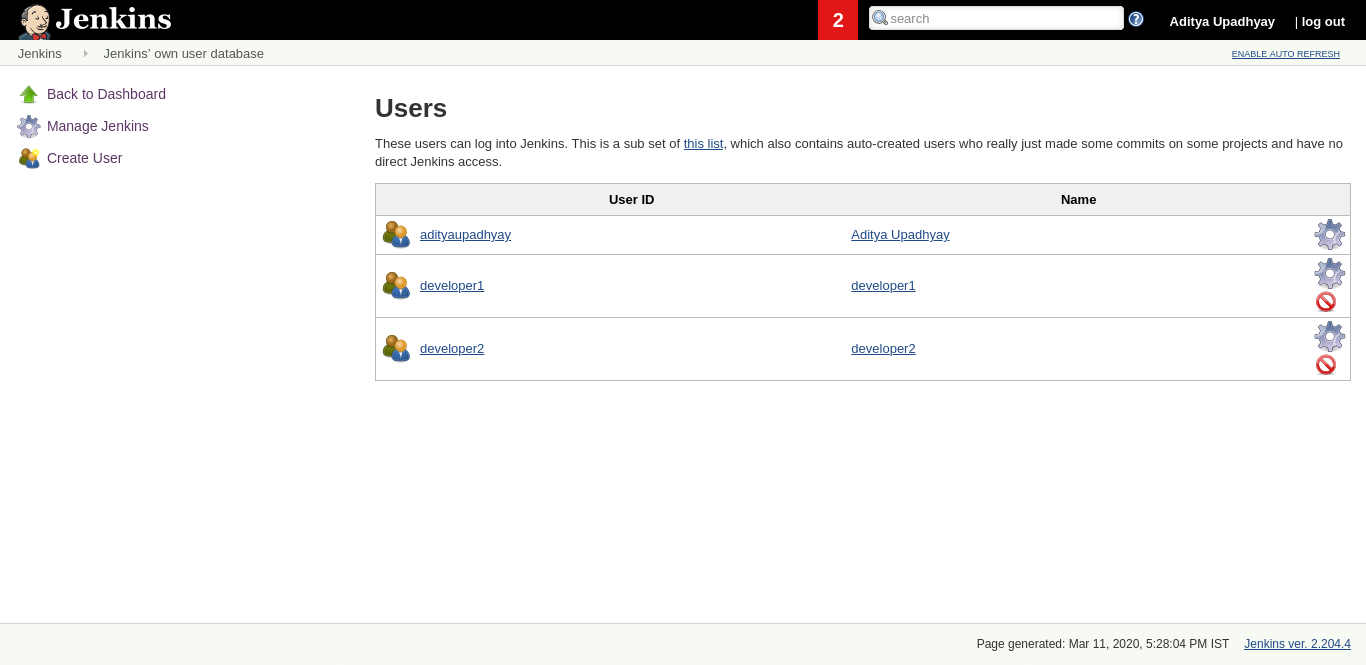
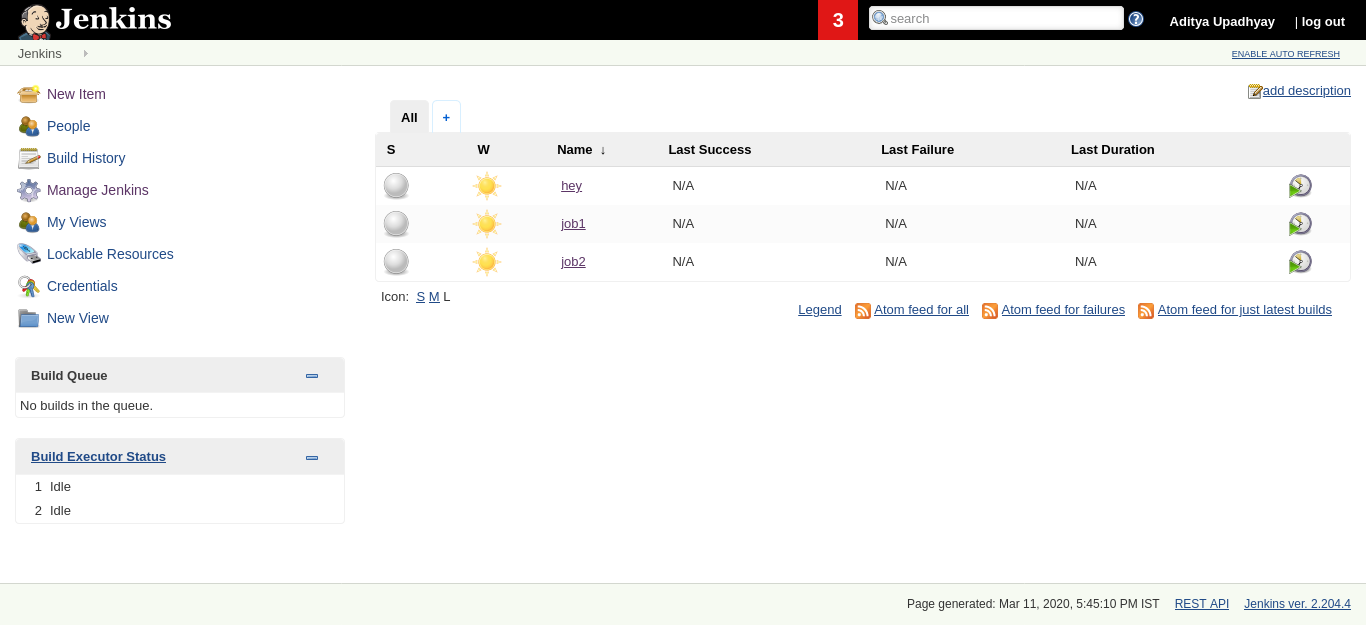
1. Create 2 users: developer1, developer2. The developer1 should be able to build job1 only and can’t change the job configuration. The developer2 can configure and build the job2, also he is able to view job1 but can’t build/configure it.

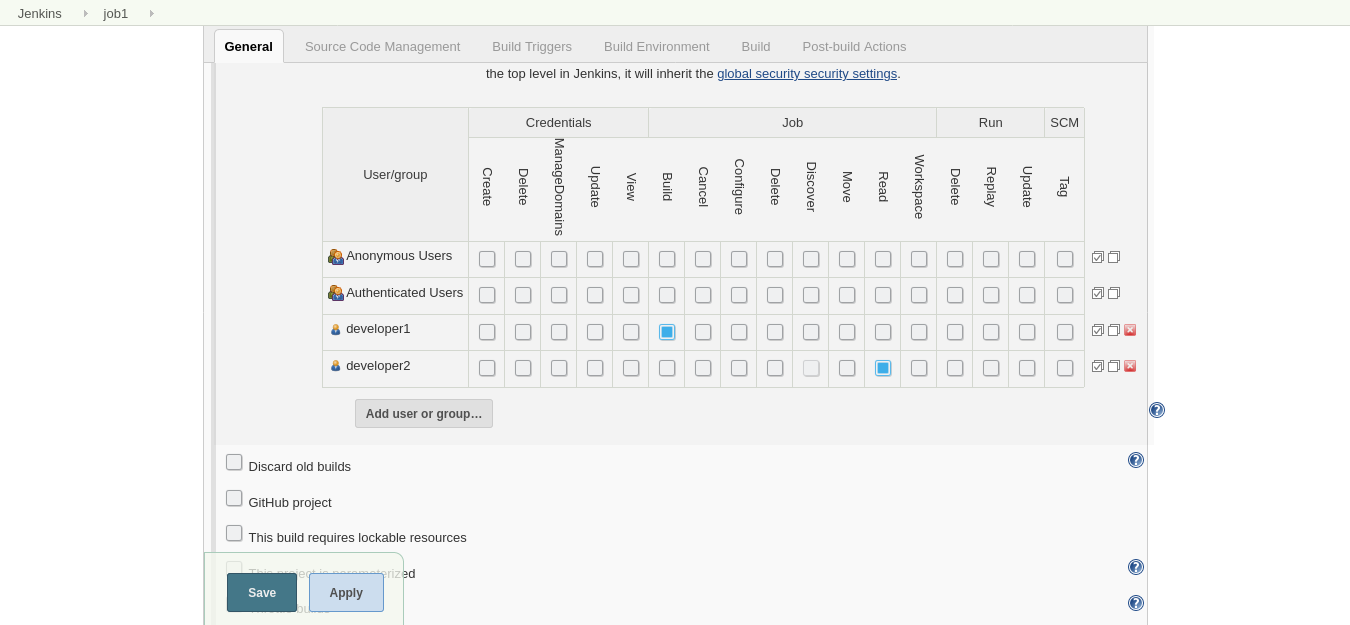


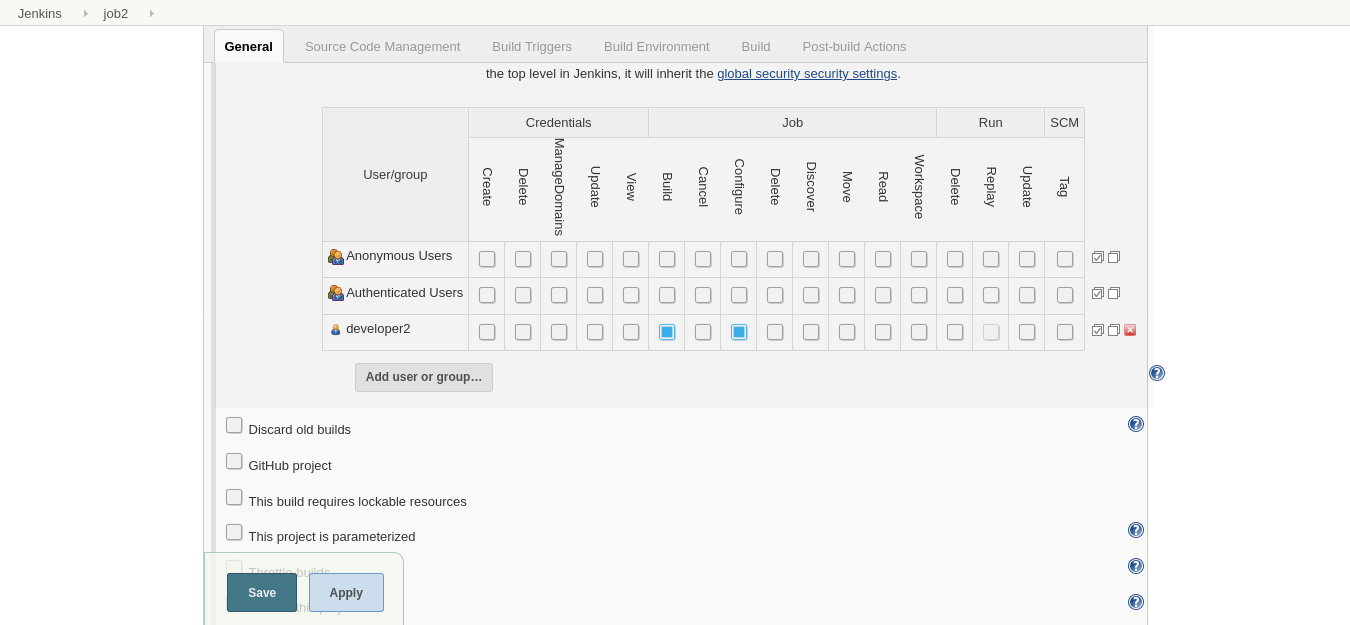






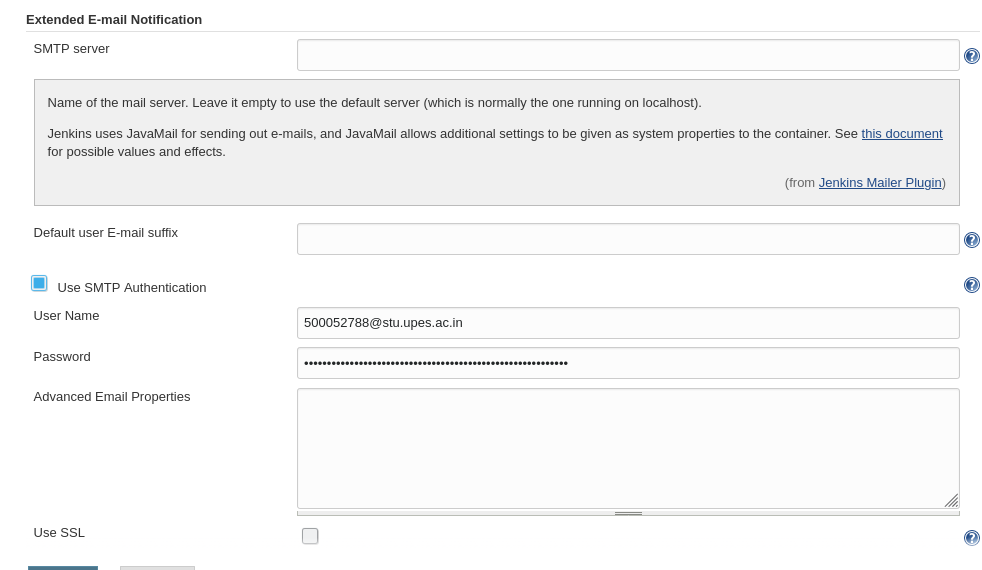


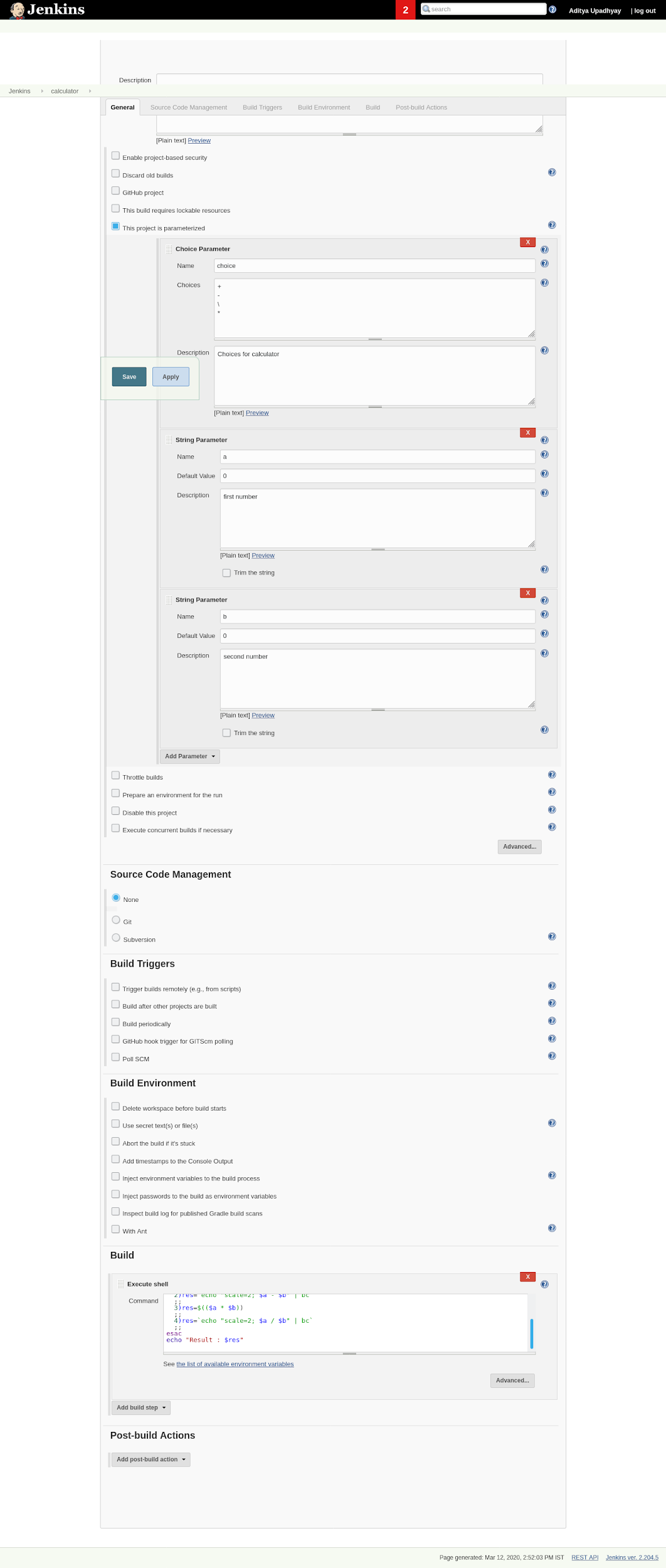


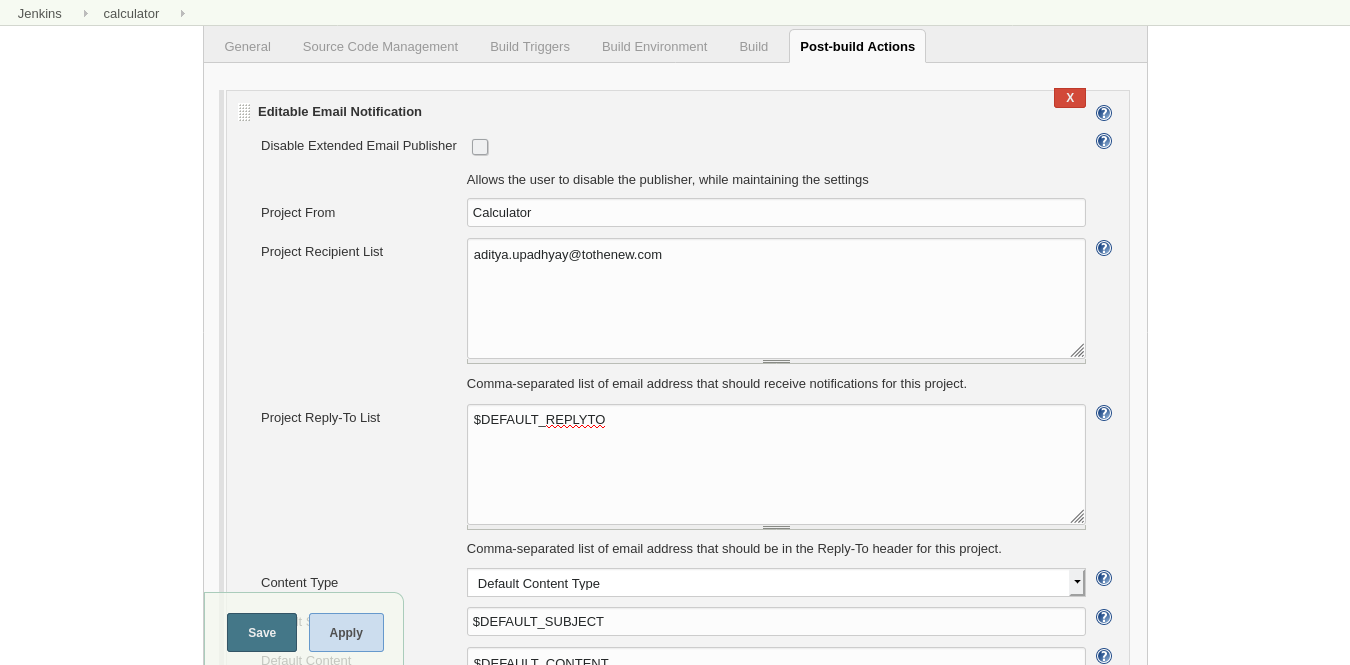


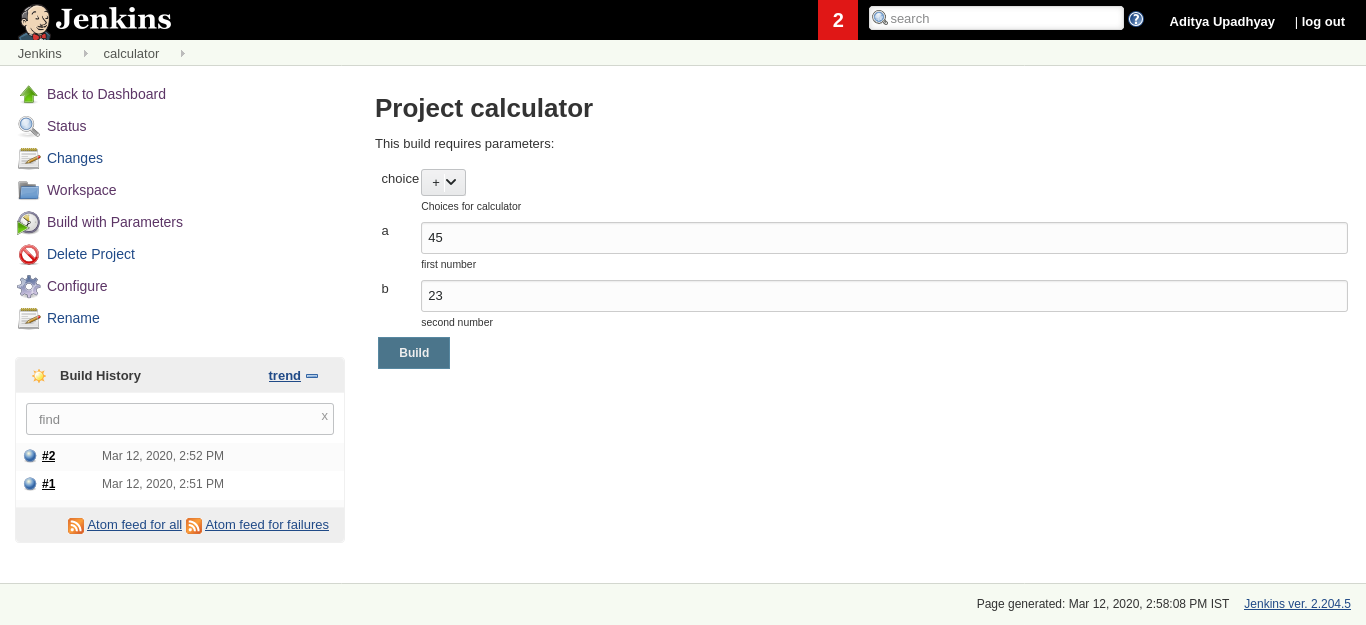
2. Create a Jenkins Job to create a calculator. It should give you a dropdown to ask Addition, Subtraction, Multiplication or Division and email the results.

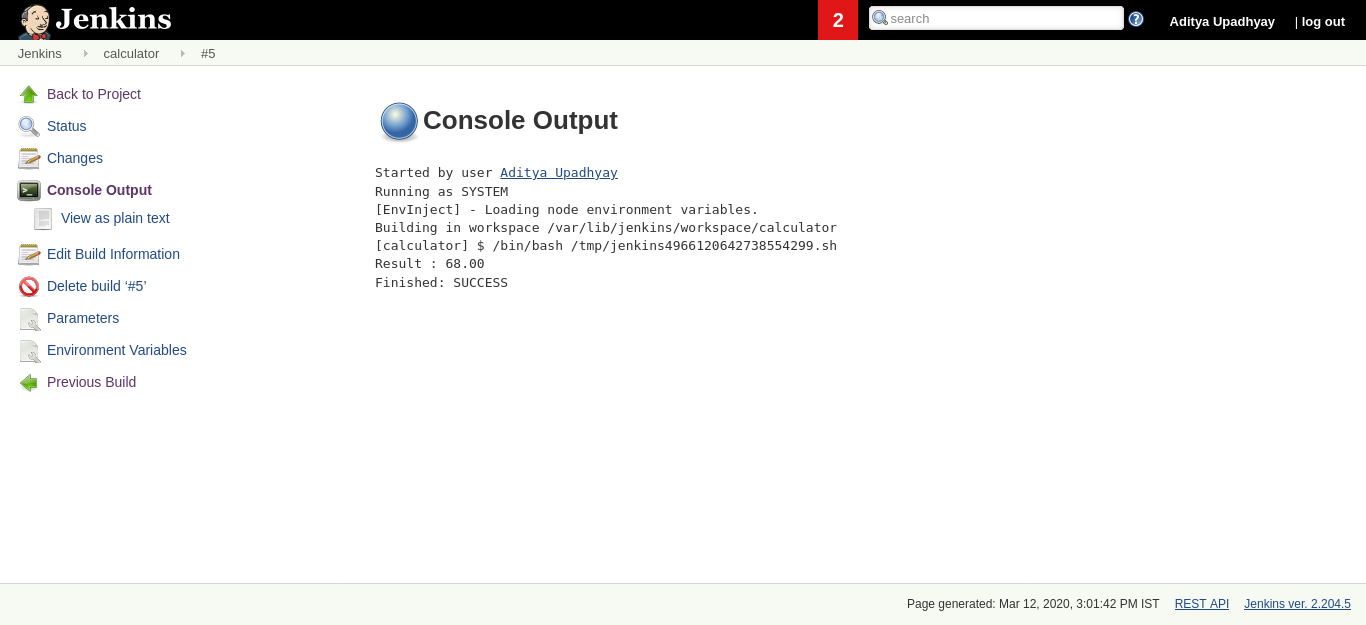
*Hint: Plugin Used (Environment Injector, Extended Email Notification)*



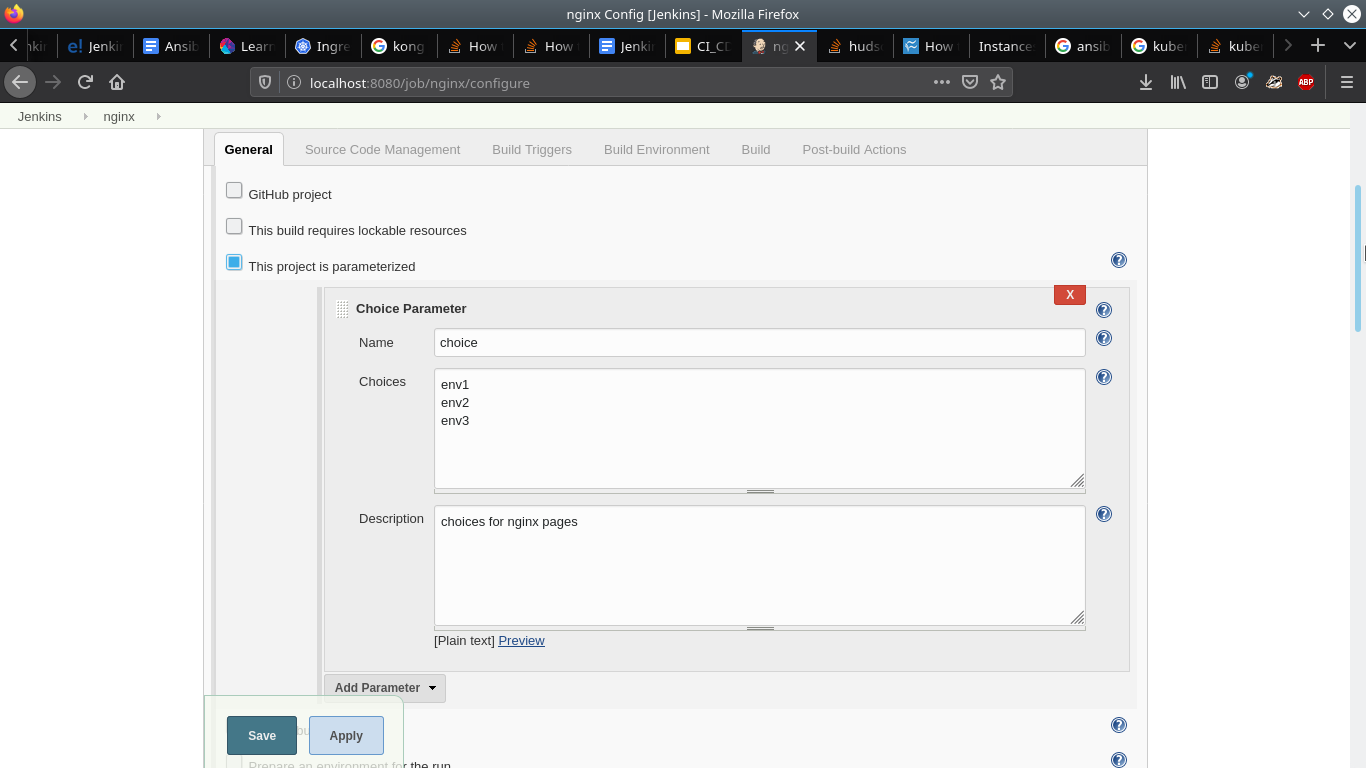


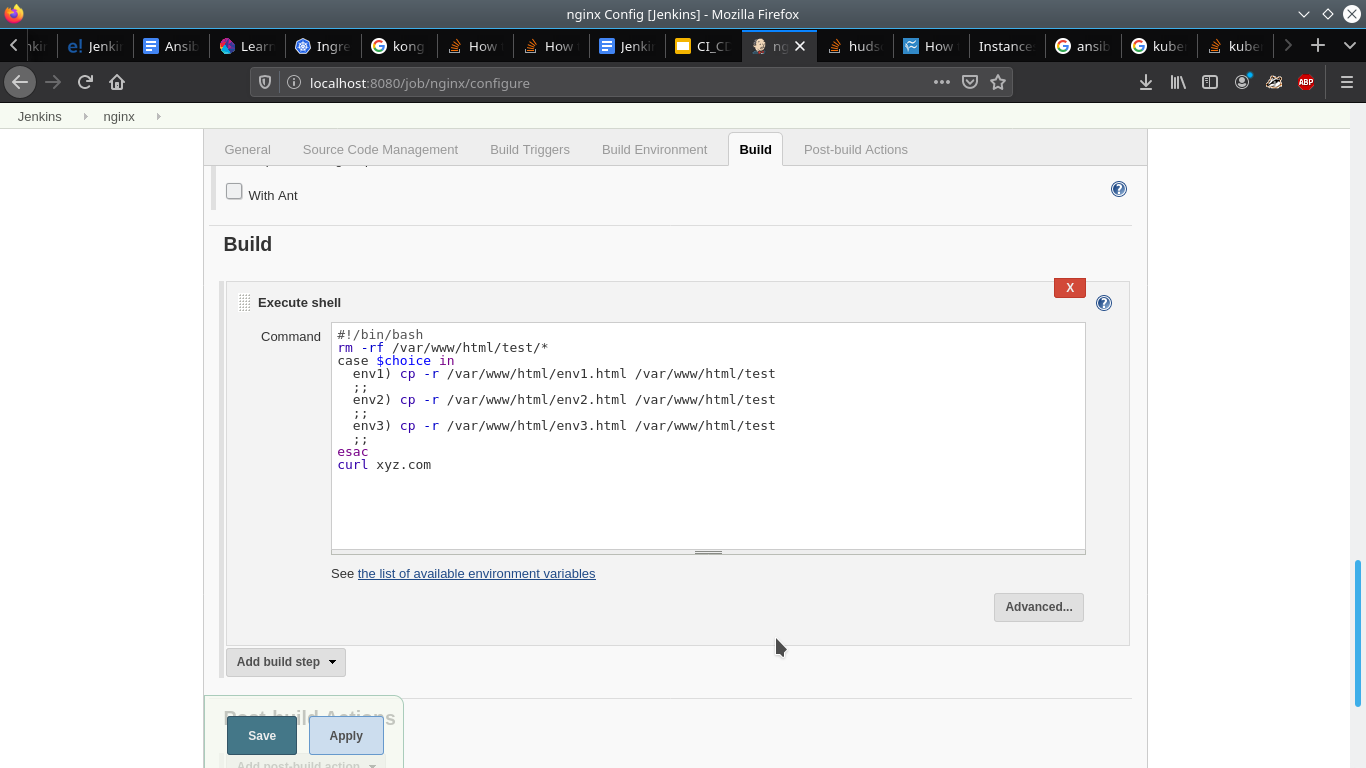


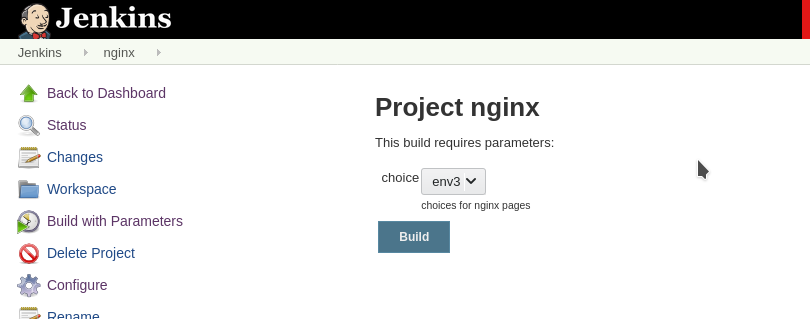


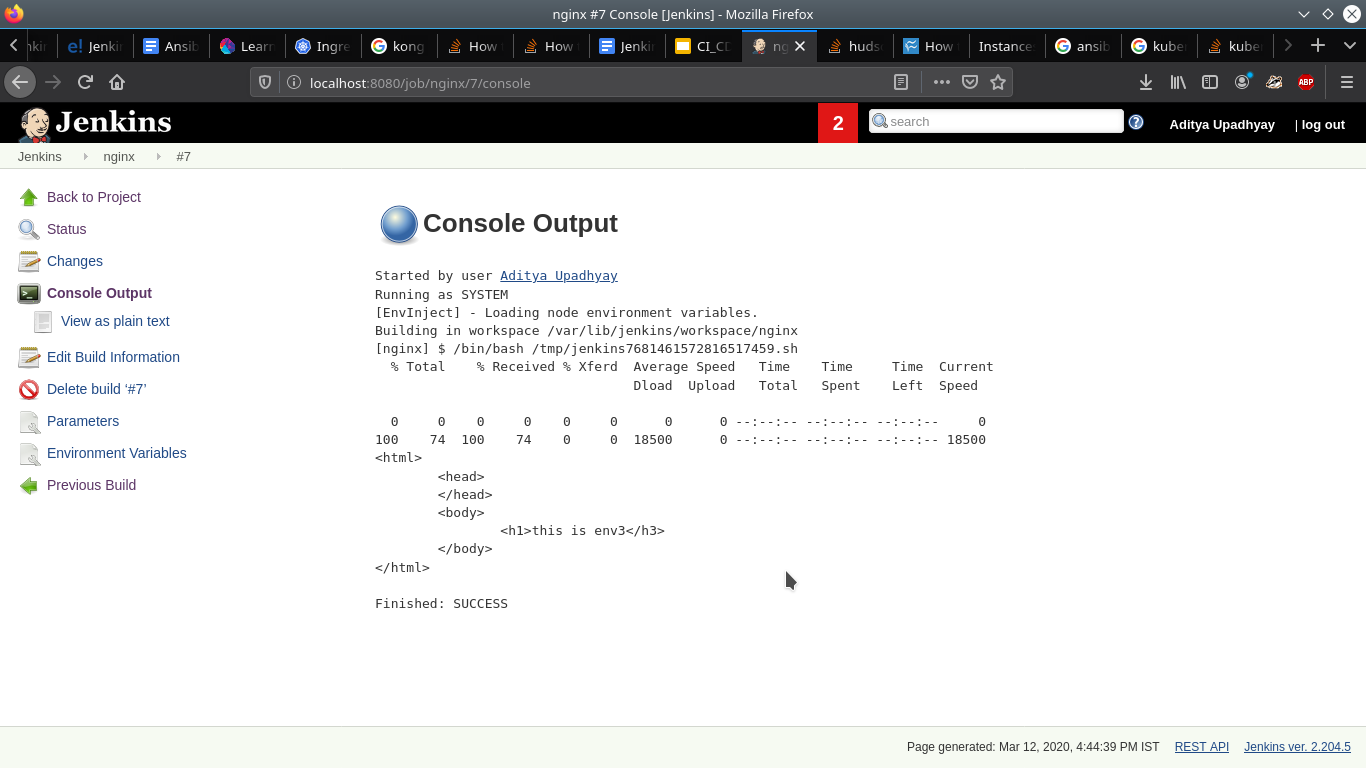


3. Create jenkins parameterized job which on selecting the different Env. will display different web pages by nginx.

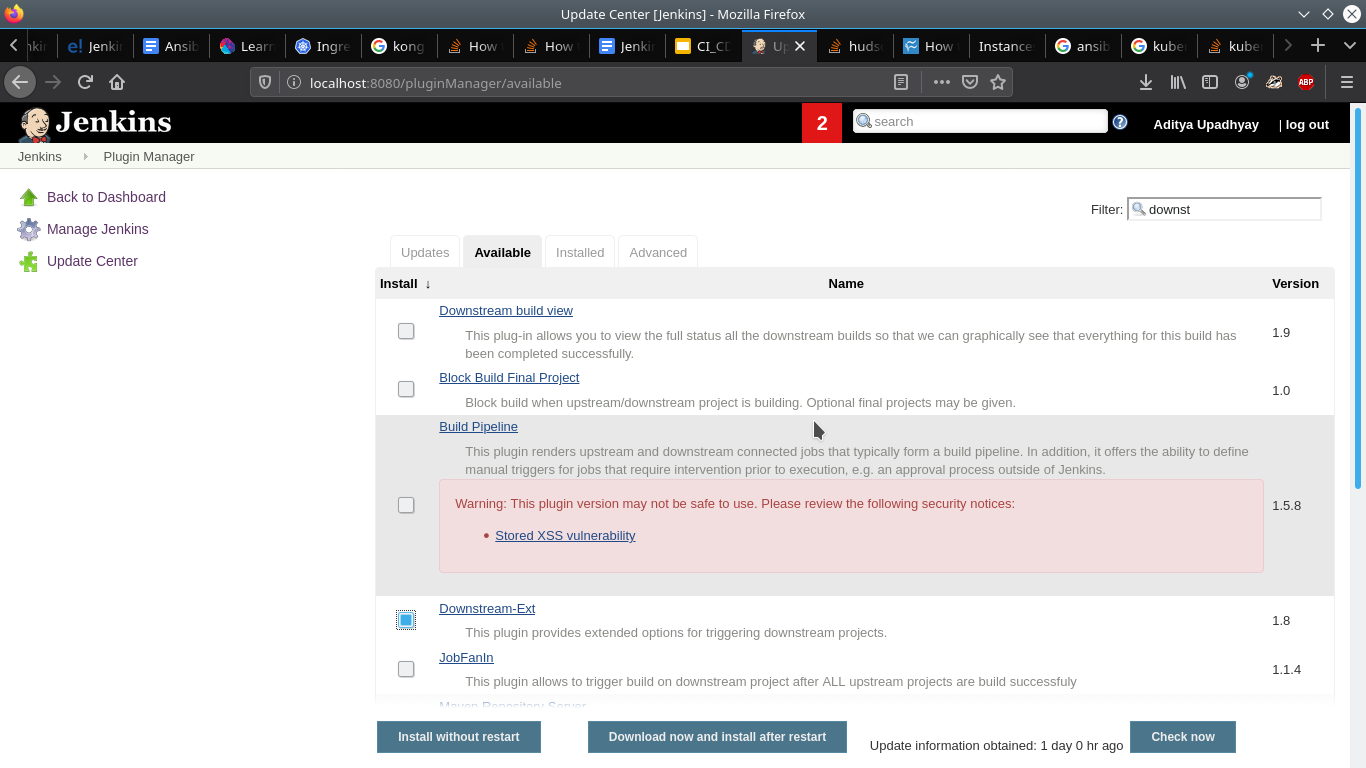


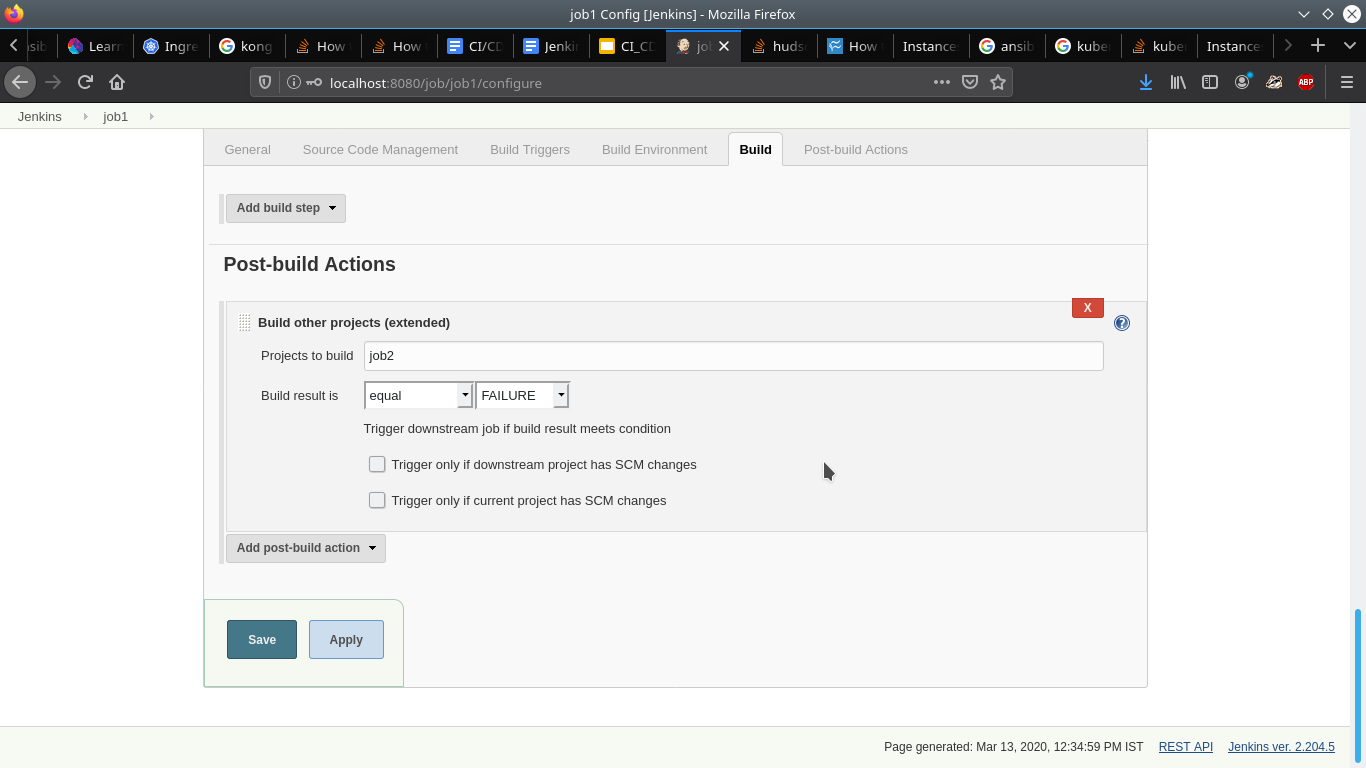




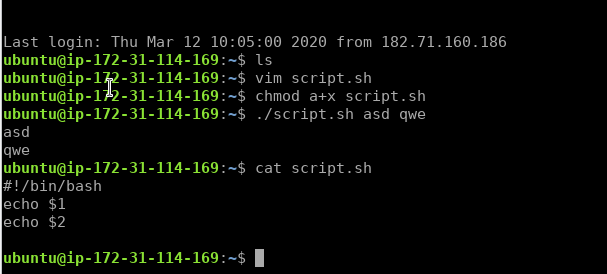


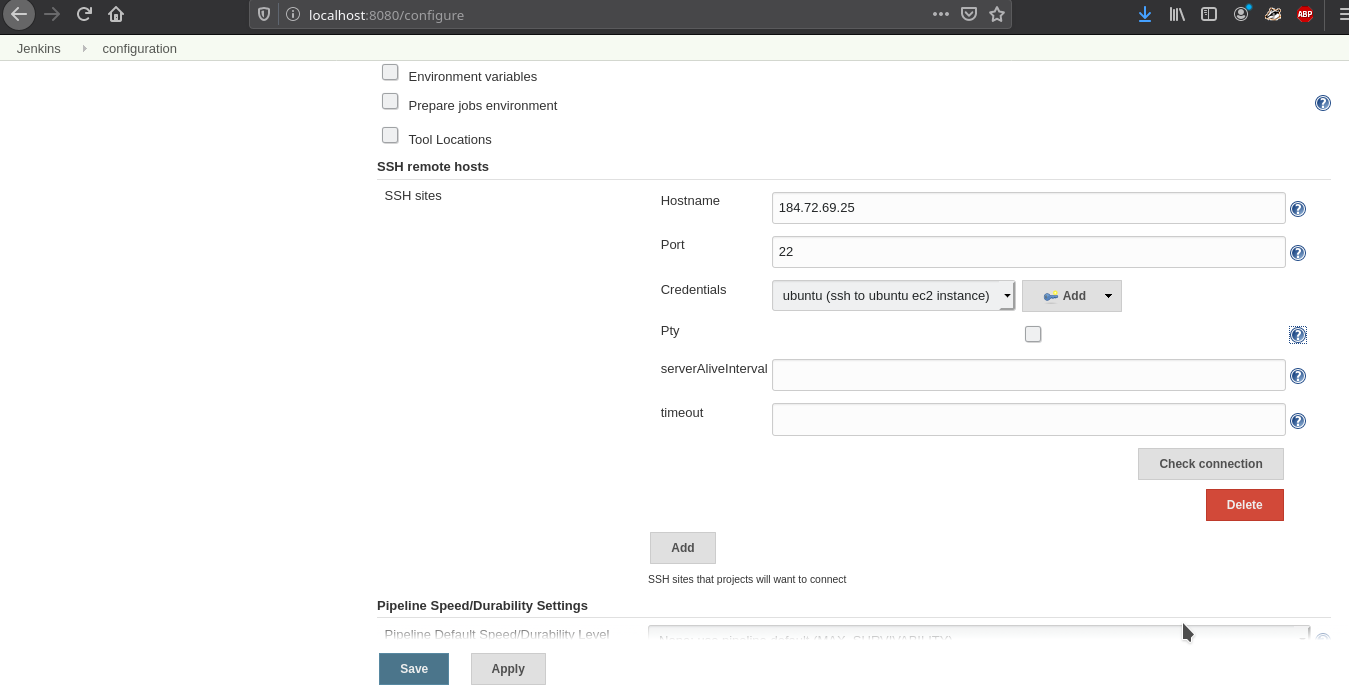
4. Create a job which on its failure will trigger another job.

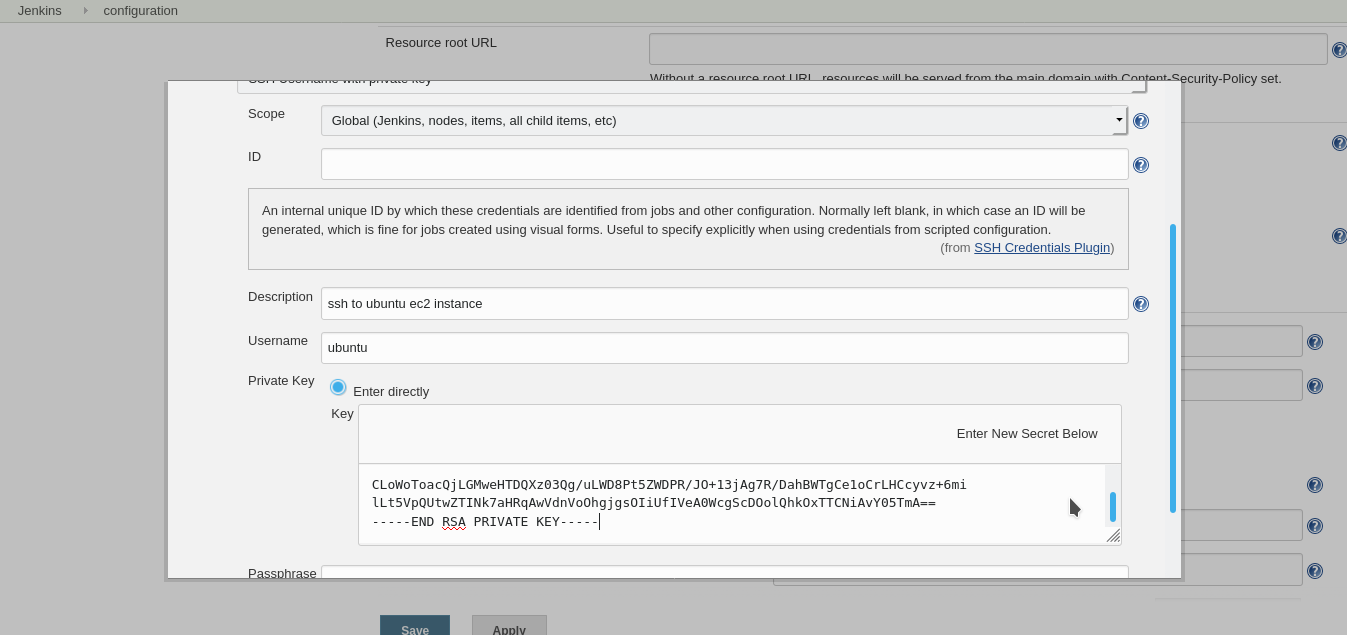


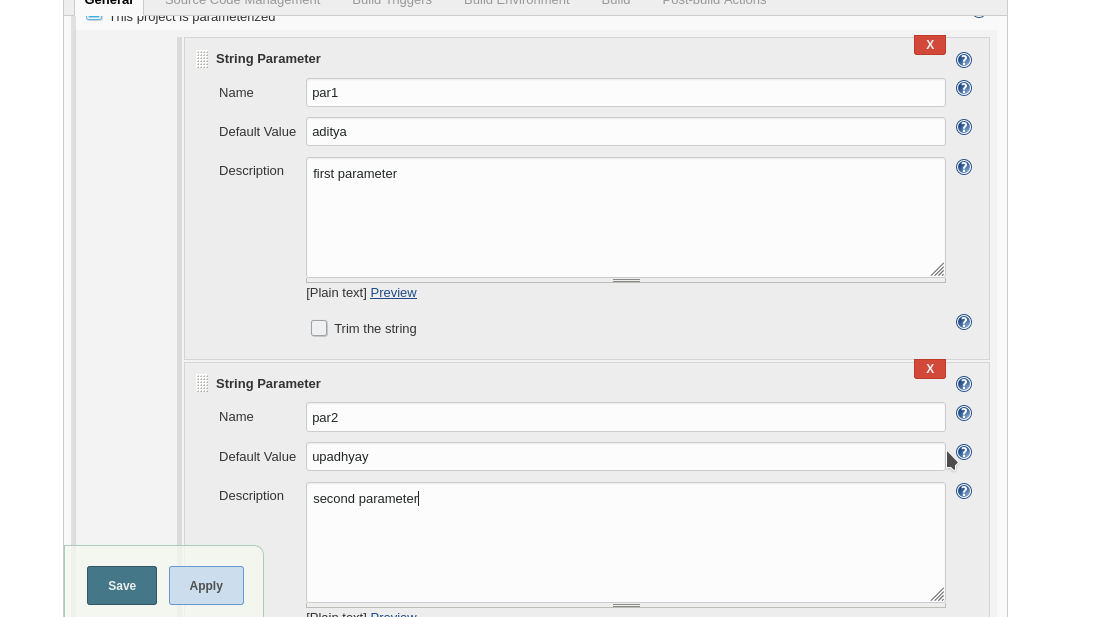


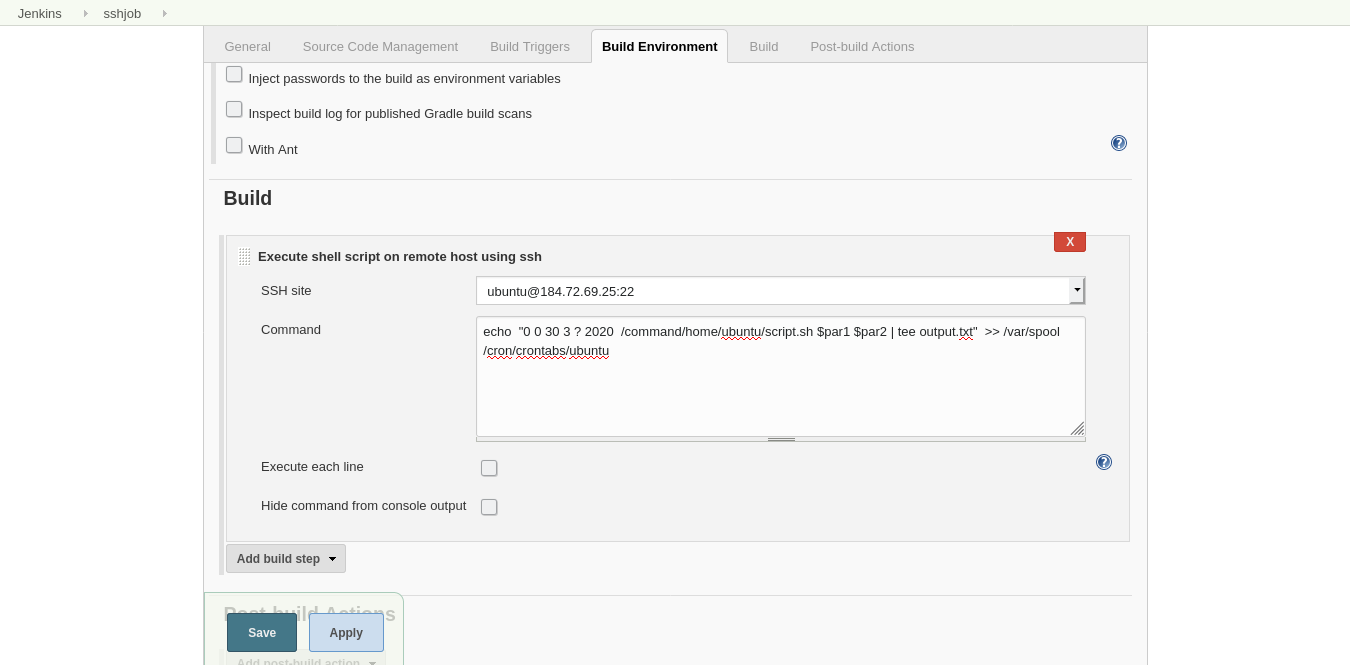
5. Create a job which can set a cronjob on another server. This server contains a script on its home directory and the script will print the two string parameters which will be given by the jenkins job.

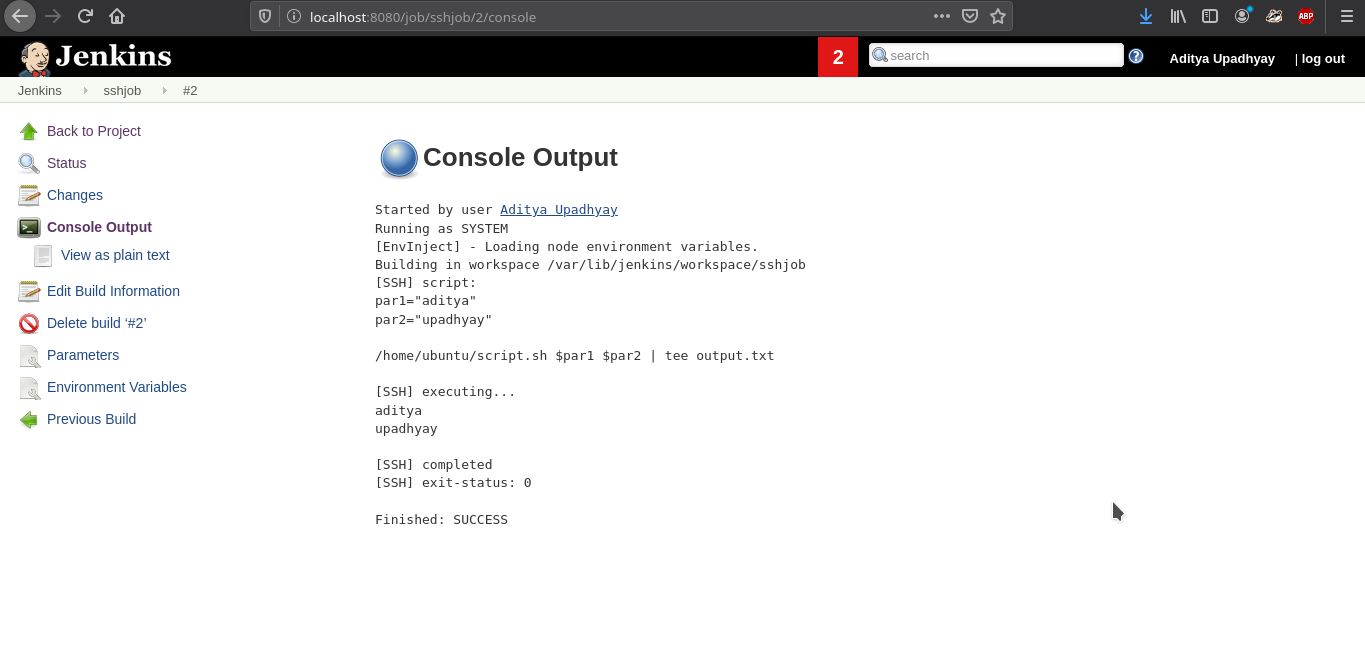
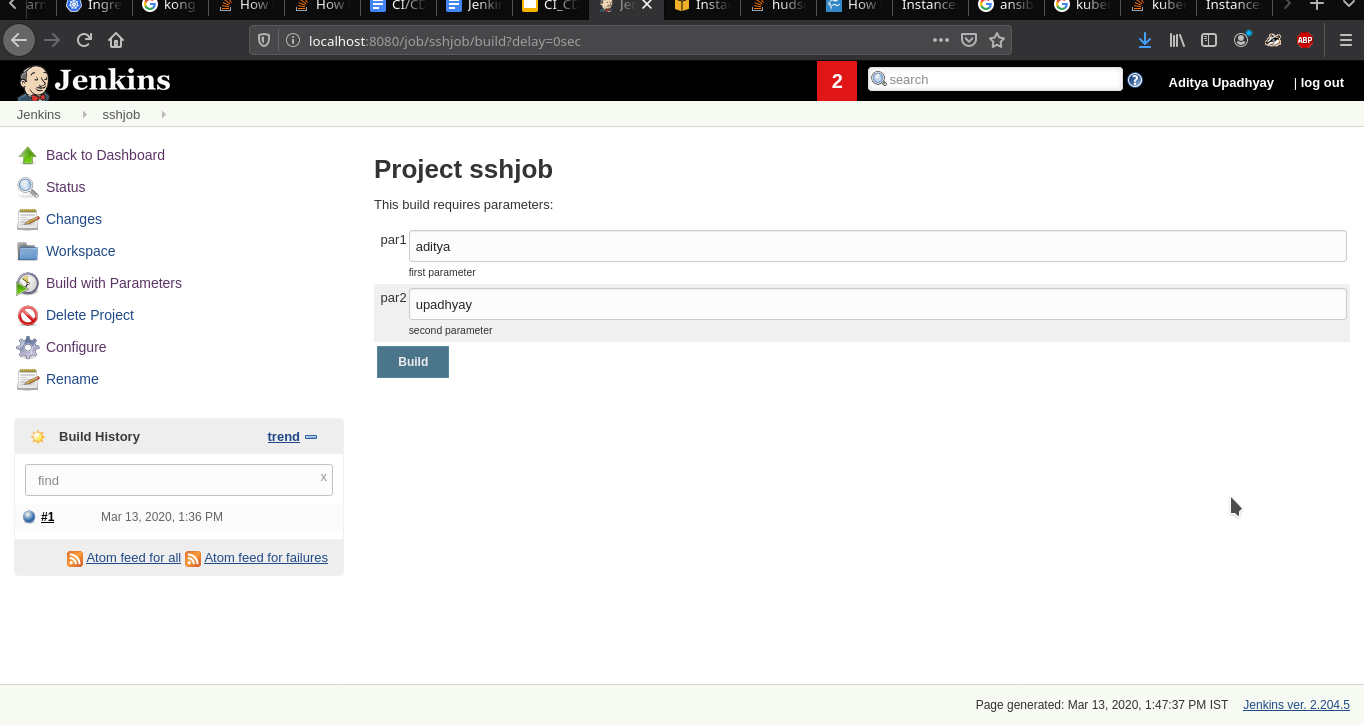


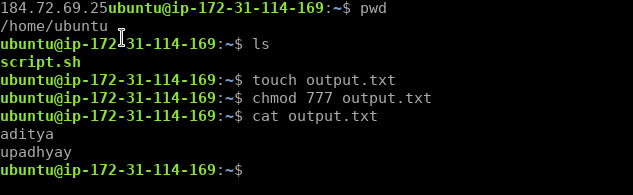




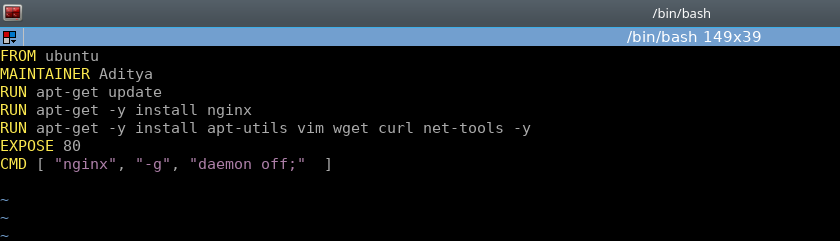


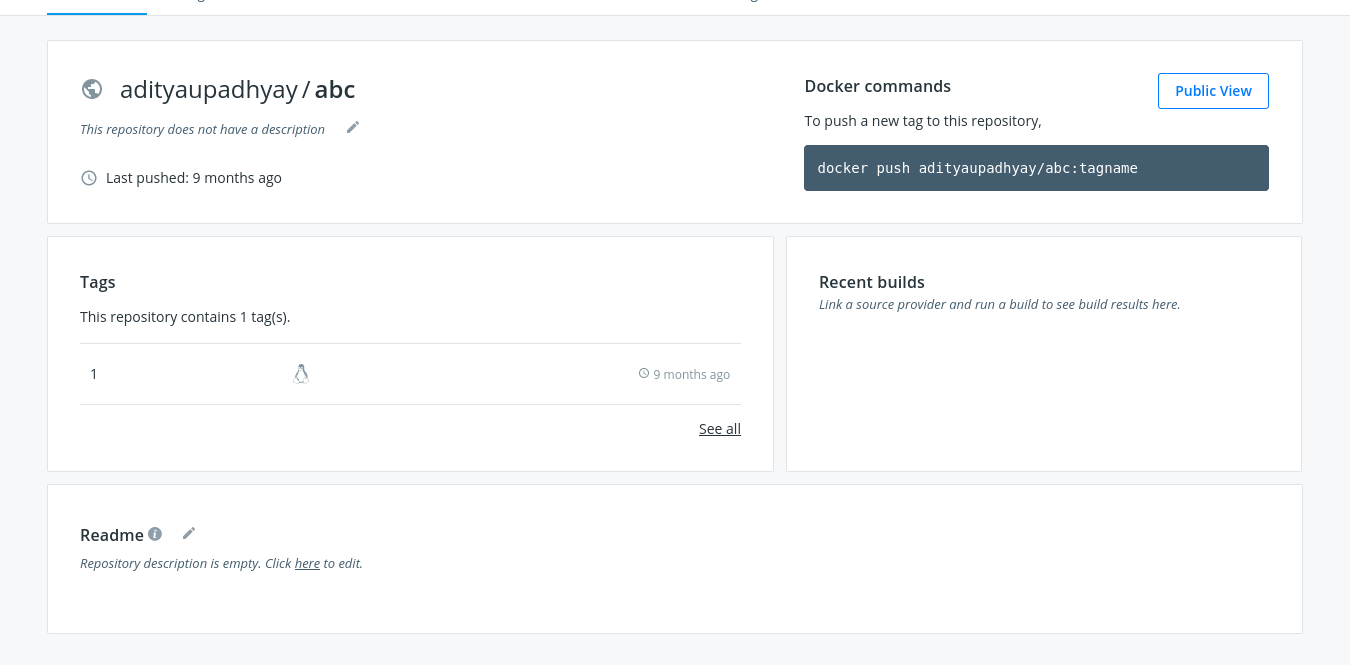


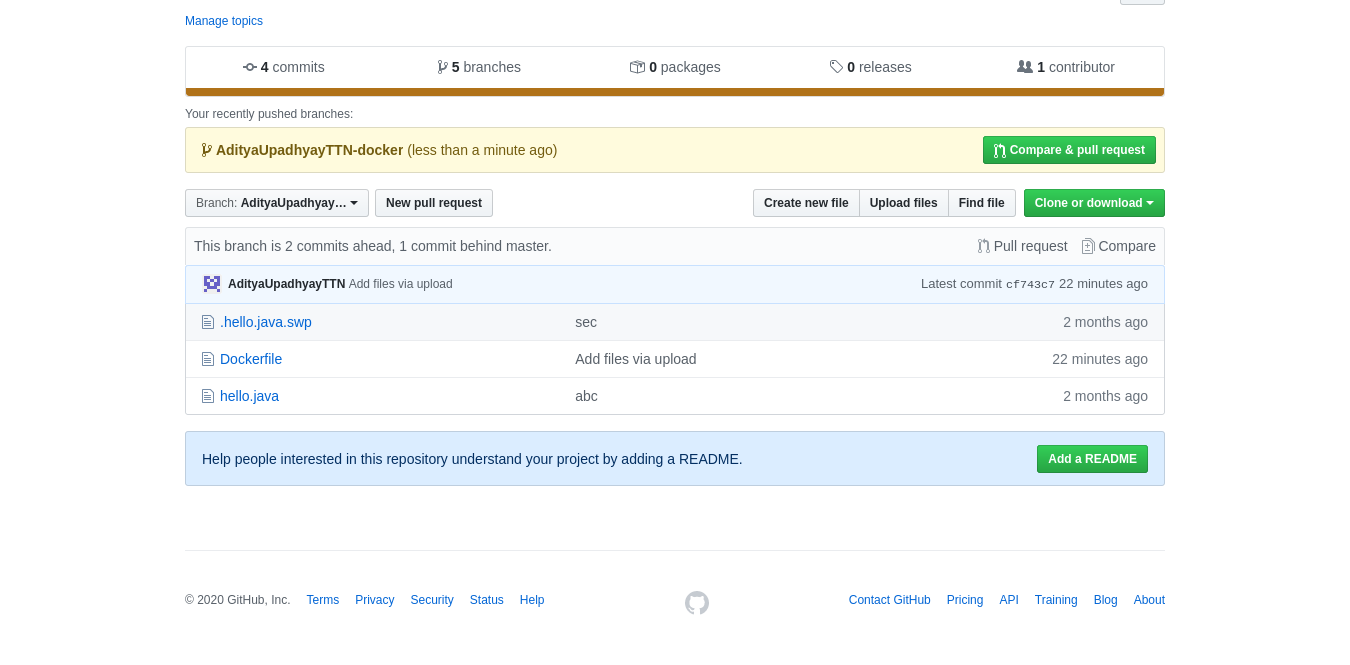


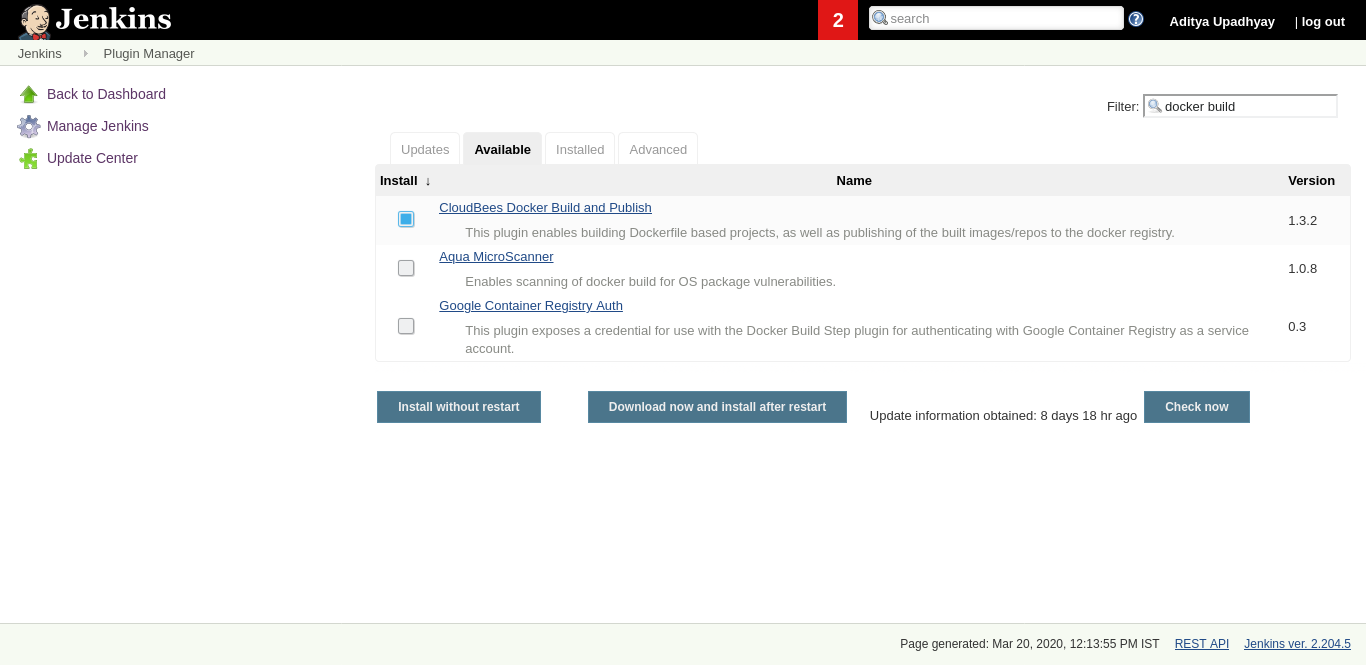


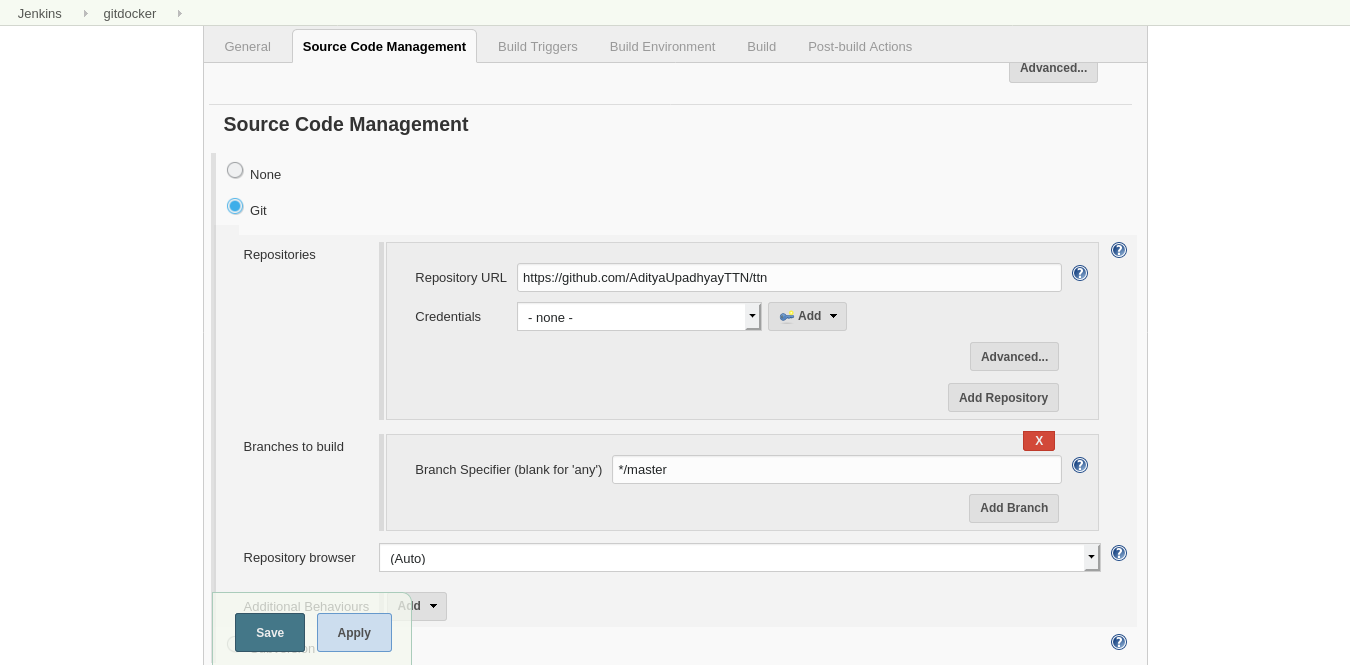
6. Create a job in which: Pull Dockerfile from GitHub, build it and push to Dockerhub. The docker image should have the tag: git commit id.

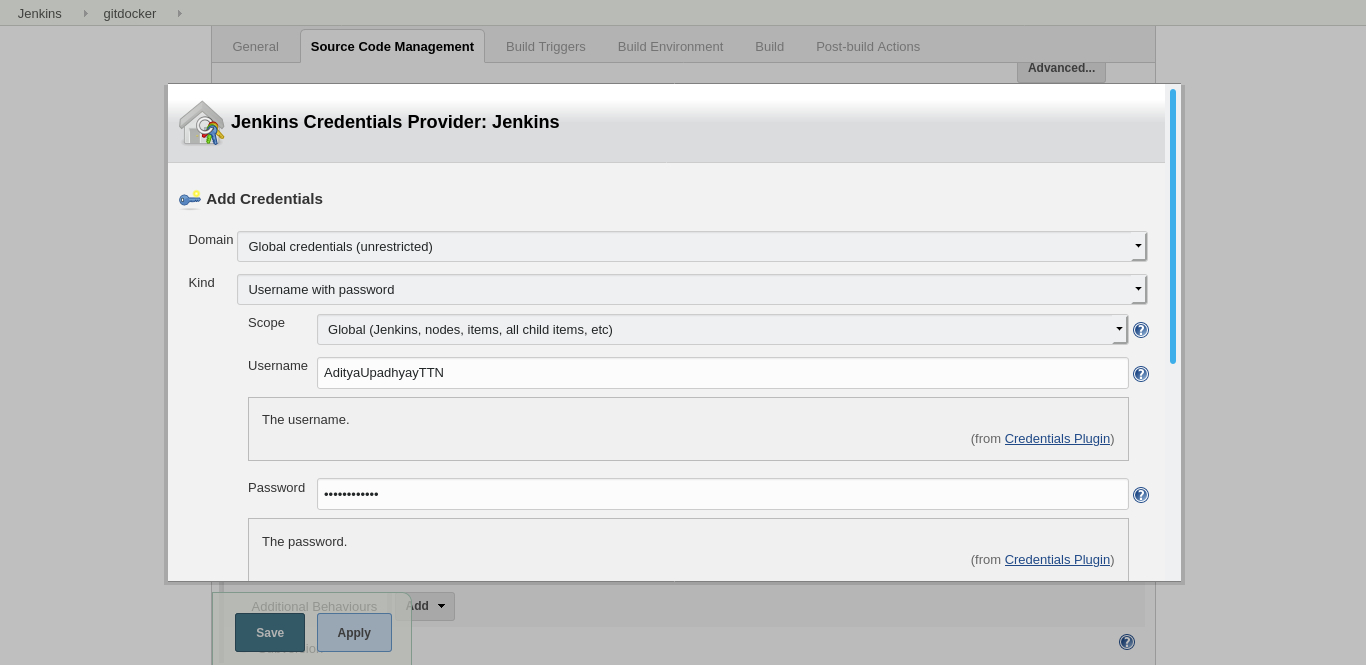


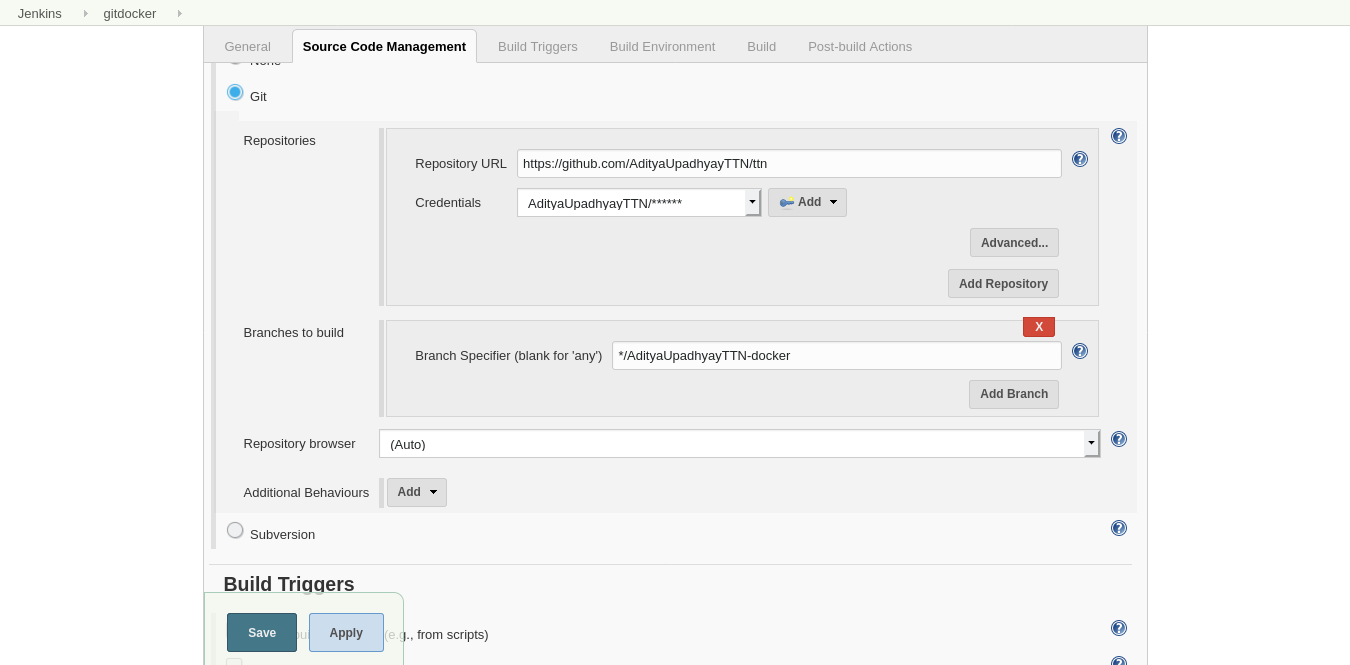


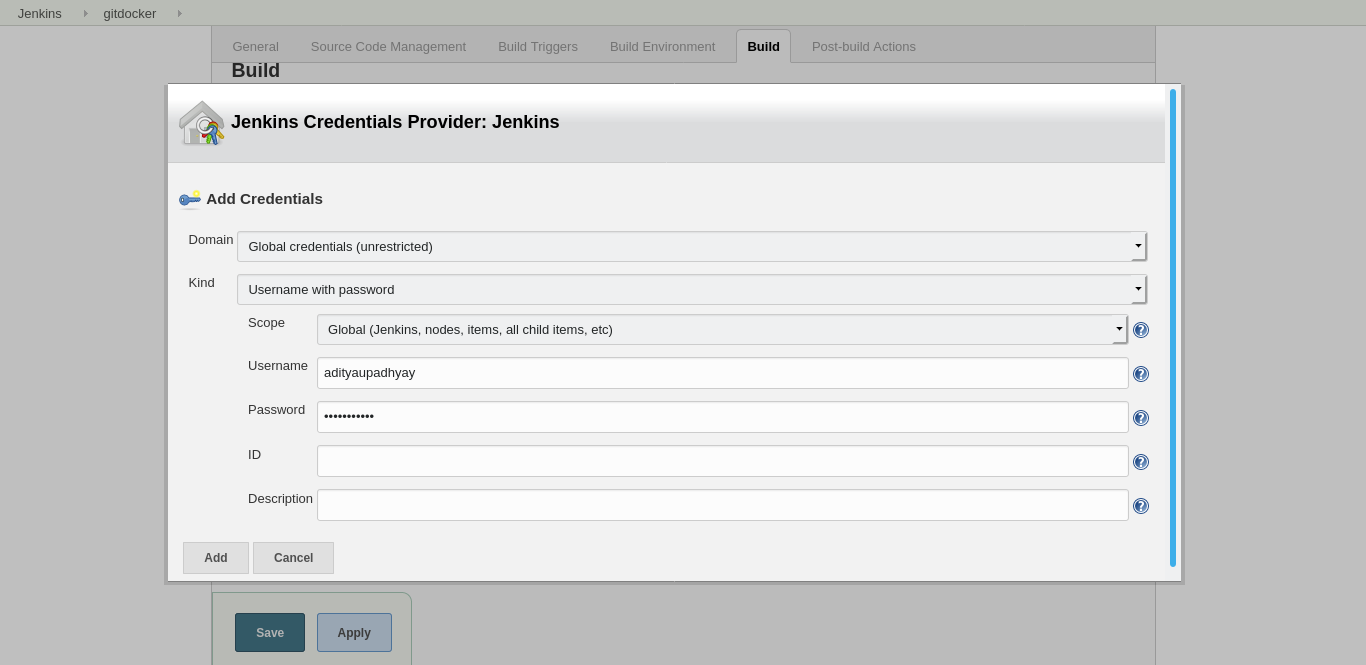


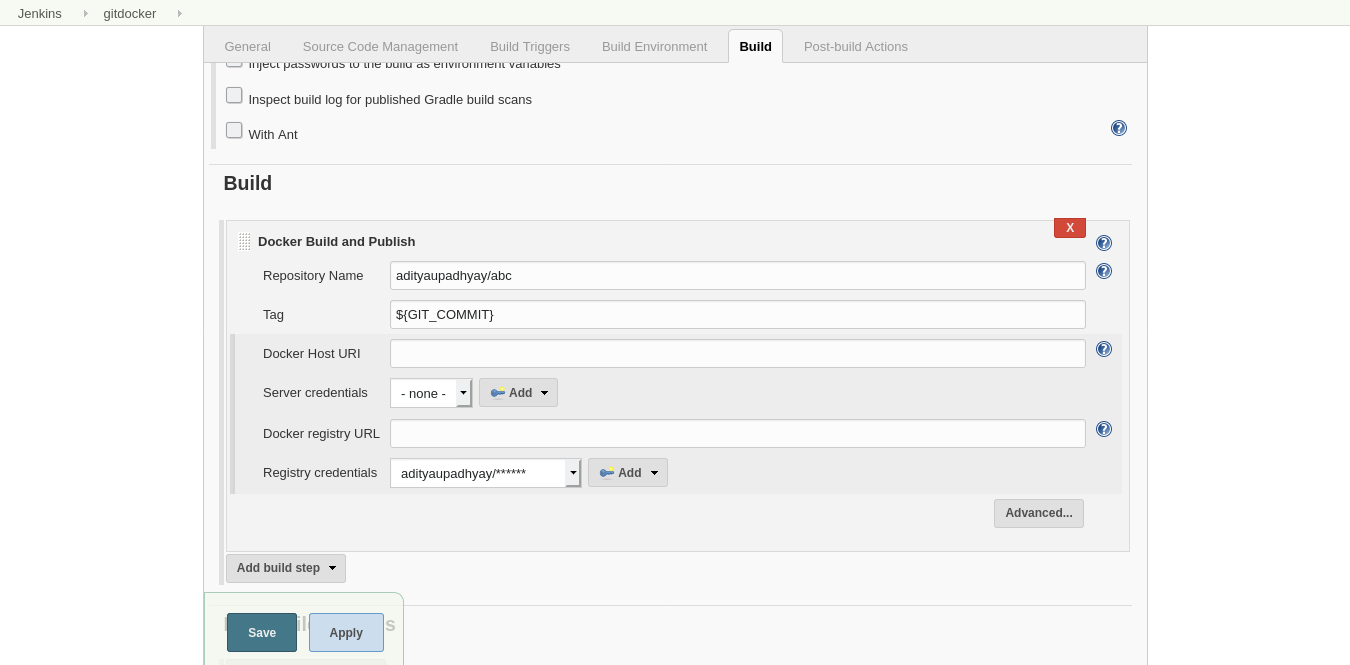


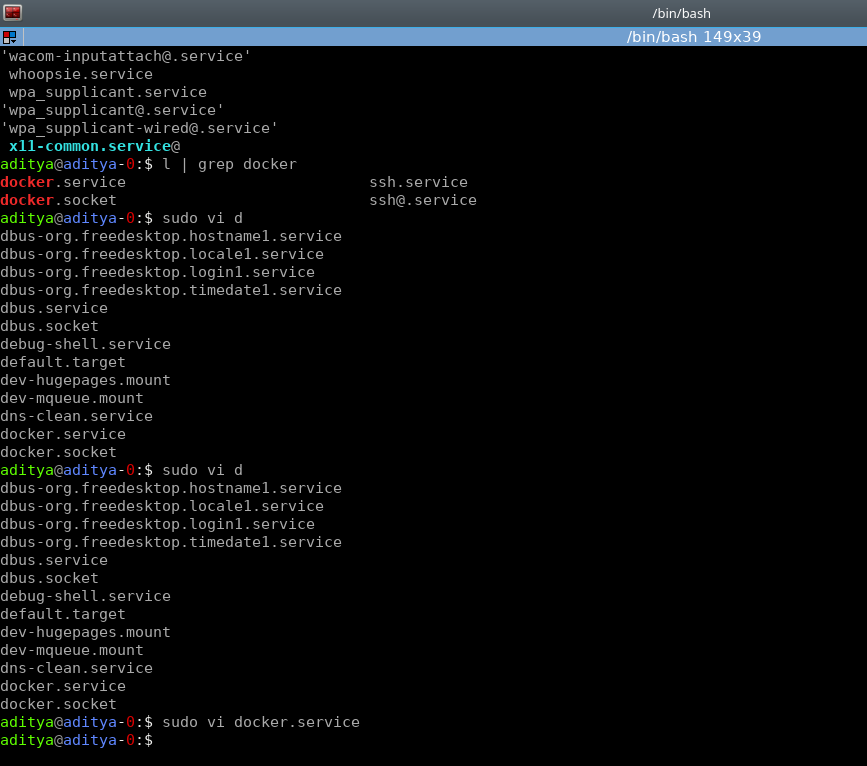


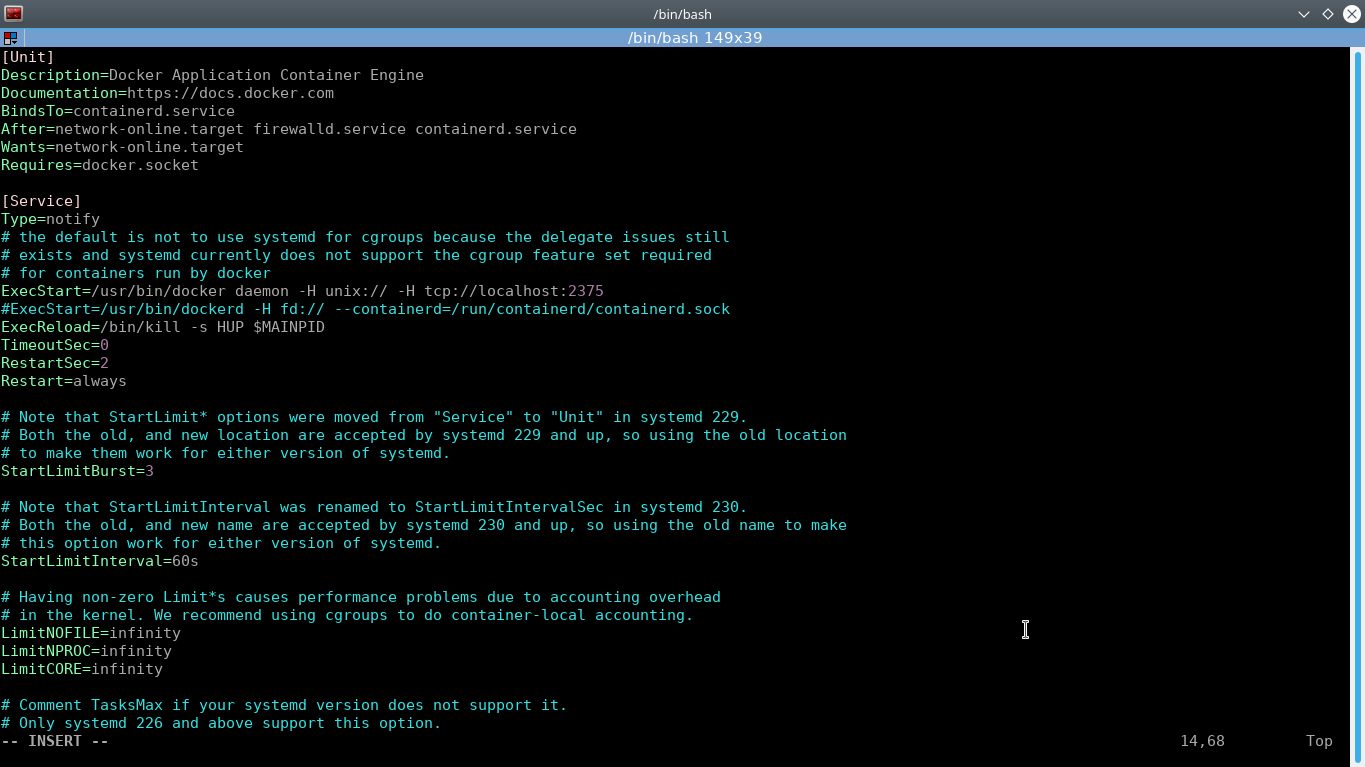


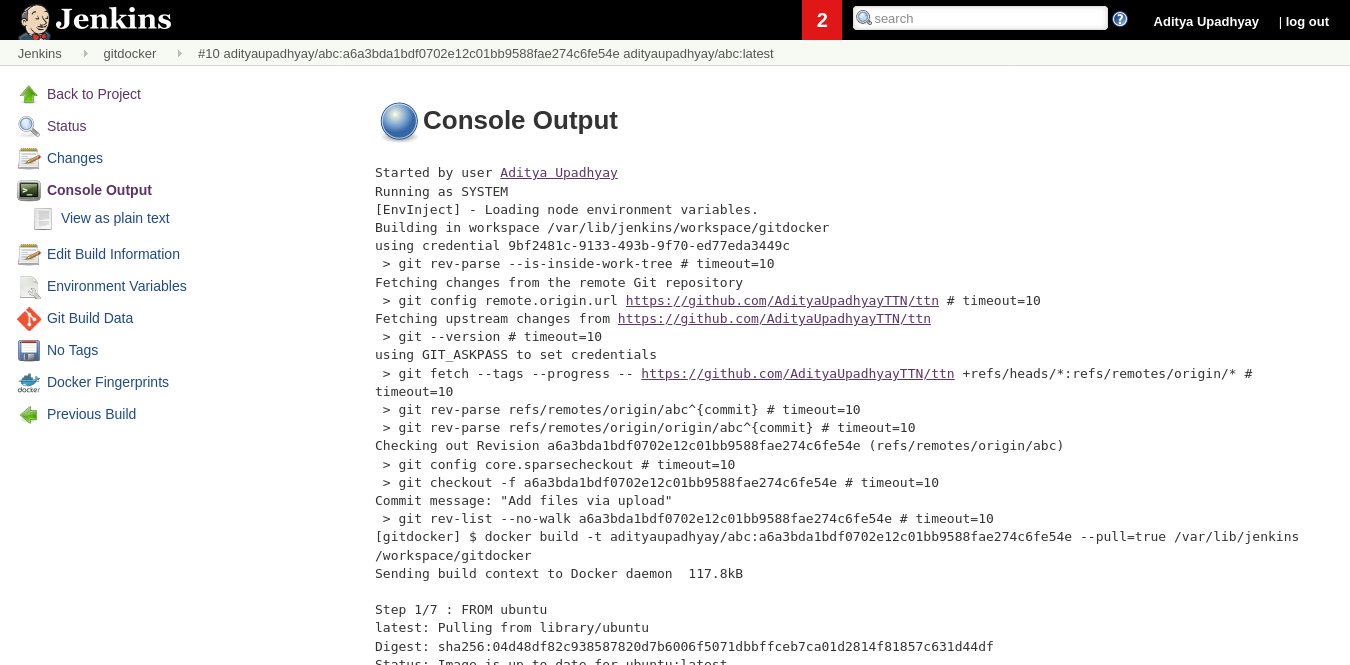




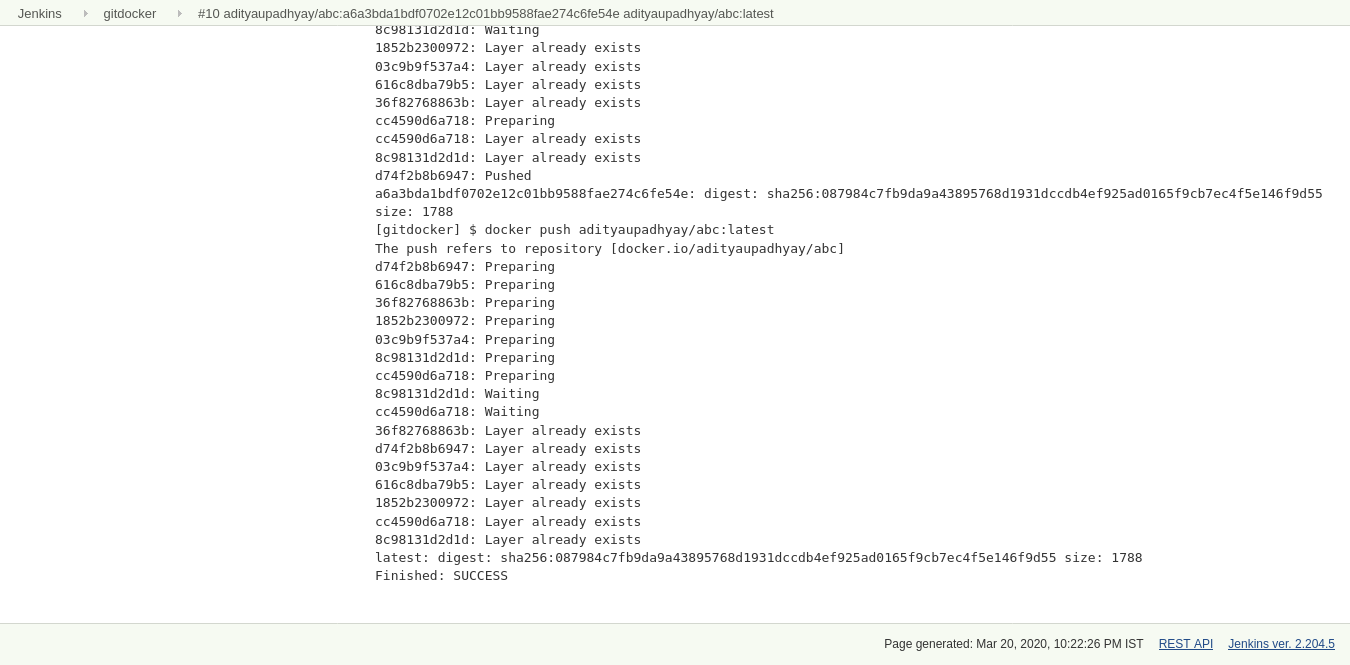










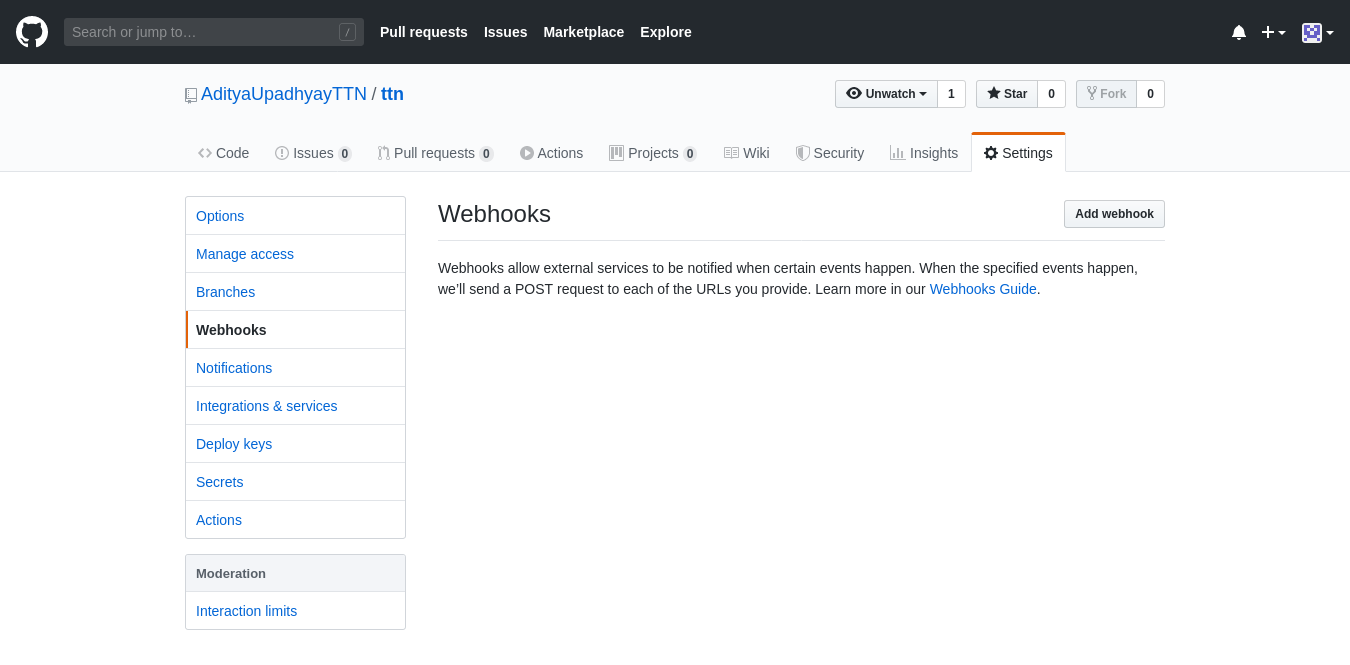


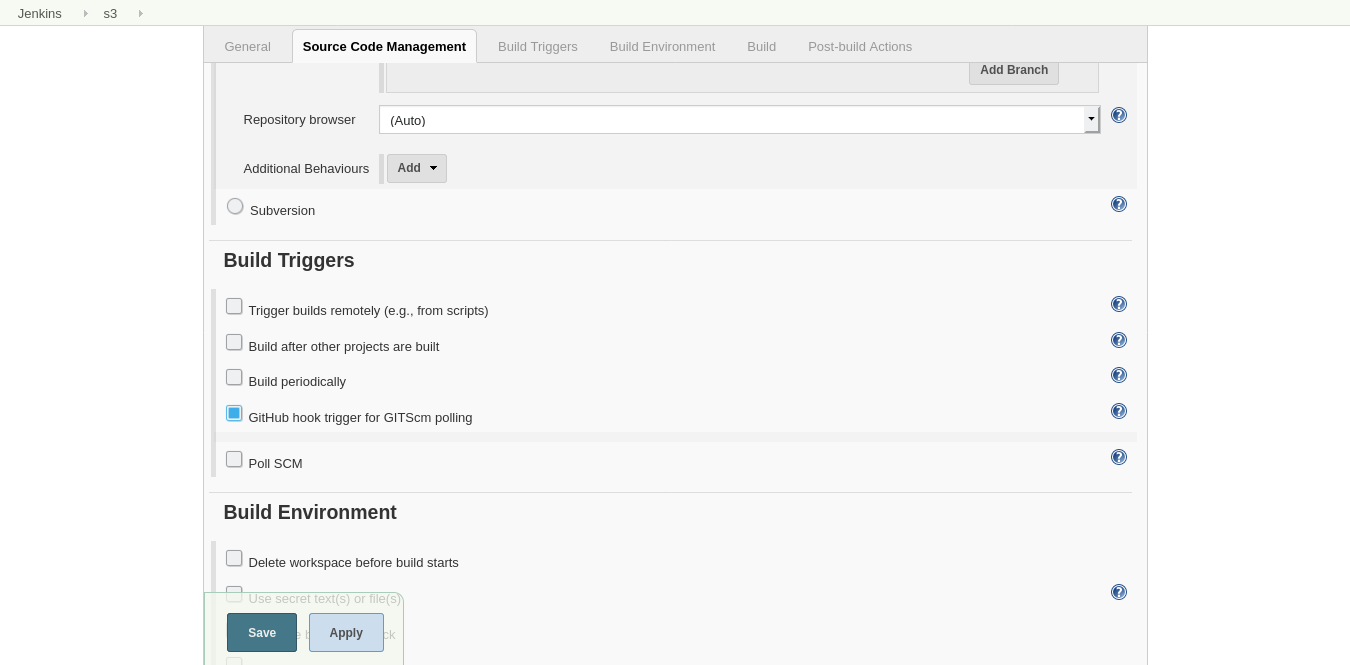
7. Host a static website on s3.

Its static content should be in git repo. When a person commits any change in the repo, the job should automatically reflect the changes in the s3 website.

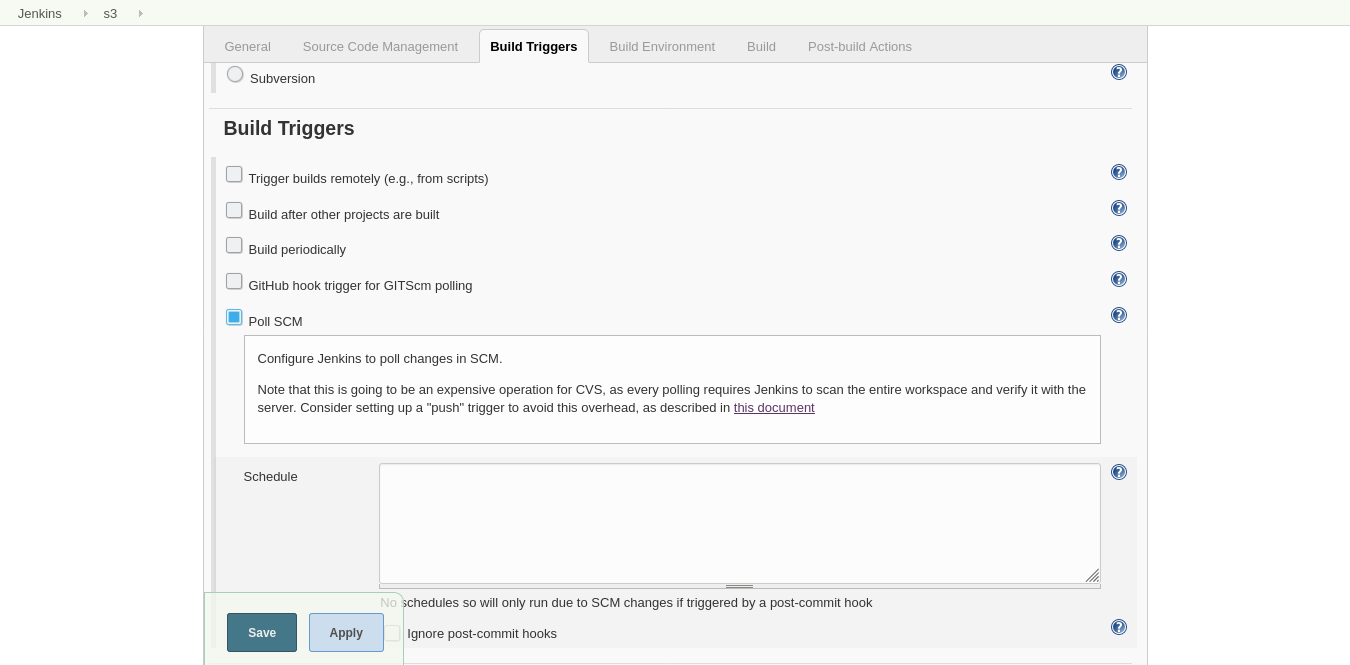
Two methods : Webhooks and Polling

Webhooks:

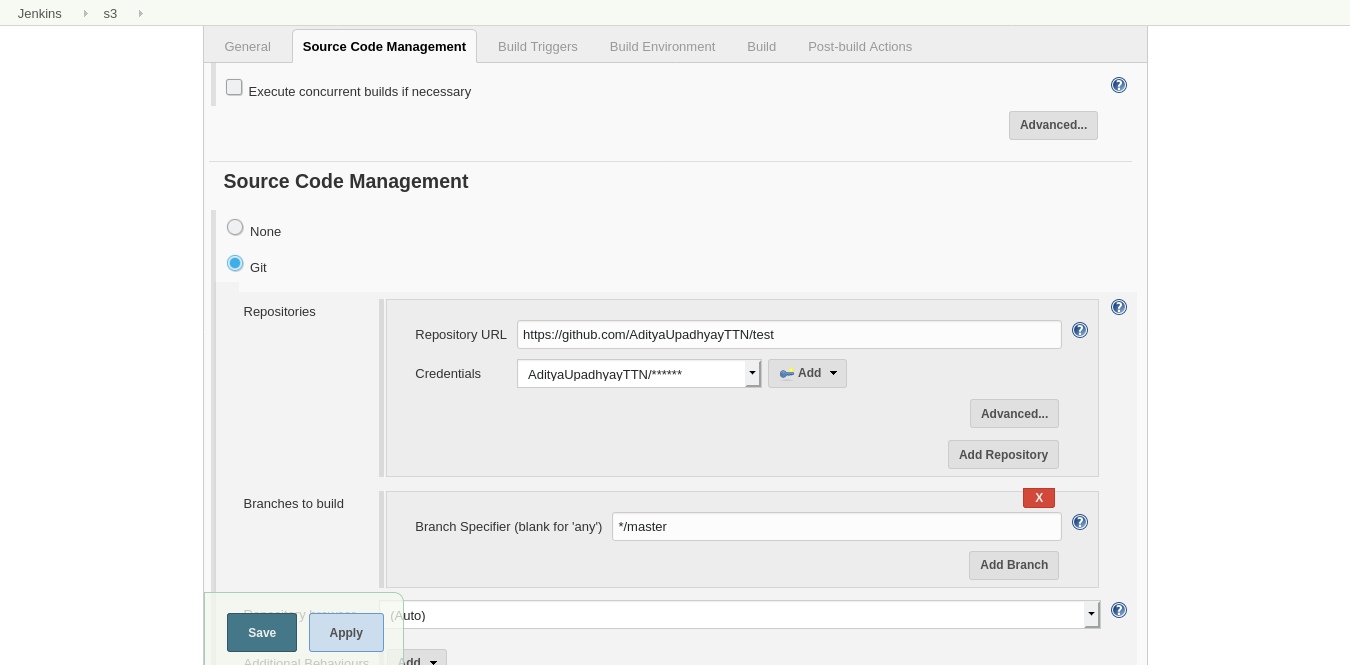


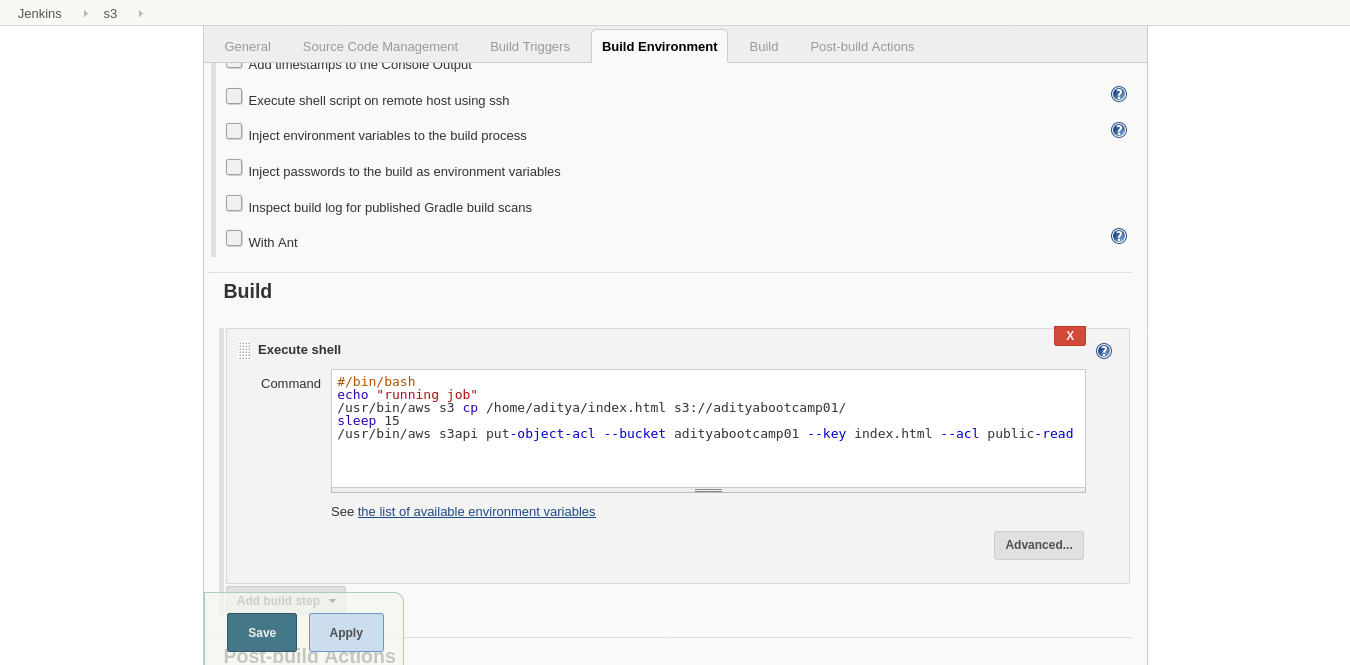


Polling:



Webhooks is better as it is less expensive operation.



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