Build and Release Management LAB File

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LAB-4

DATE: 11th FEB 2021

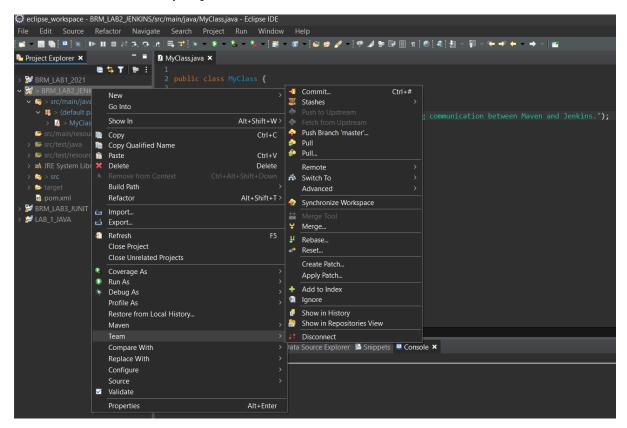
LAB 4:

Aim: Automating builds of maven project using Jenkins

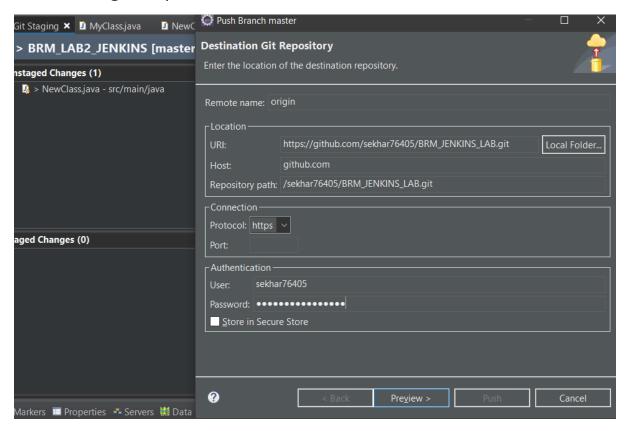
Procedure:

1. Create a simple maven project.

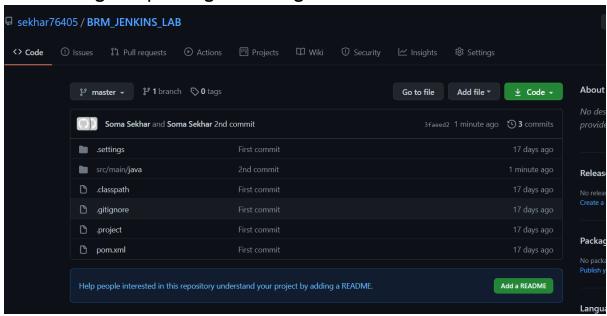
2. Initialize the project folder with. Git



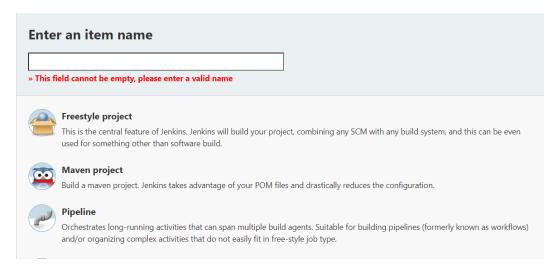
3. Configuring with GitHub credentials and Staging the changes, through eclipse



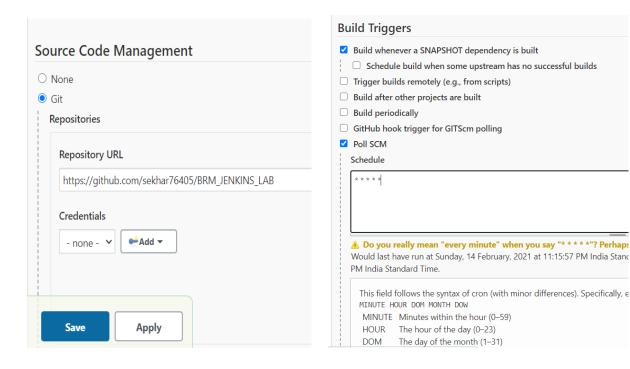
4. Committing and pushing the changes.



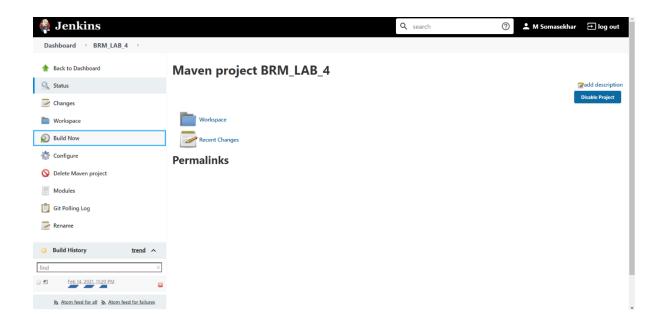
5. Choose a new Item→ Maven Project → Name of the project



6. Now give the Repository link and schedule the automatic build with POLL SCM

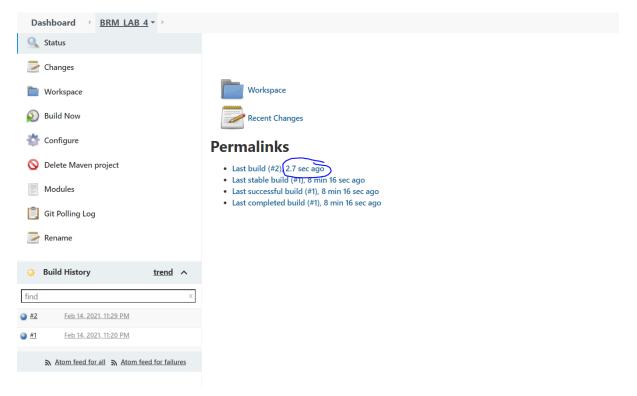


7. Start the Build Now





8. Now we can test by committing a new change into the repository and Jenkins will automatically build it.



RESULT:

Thus, successfully, established a connection between Jenkins and maven project, automating the Build of every commit happing in the repository in github.