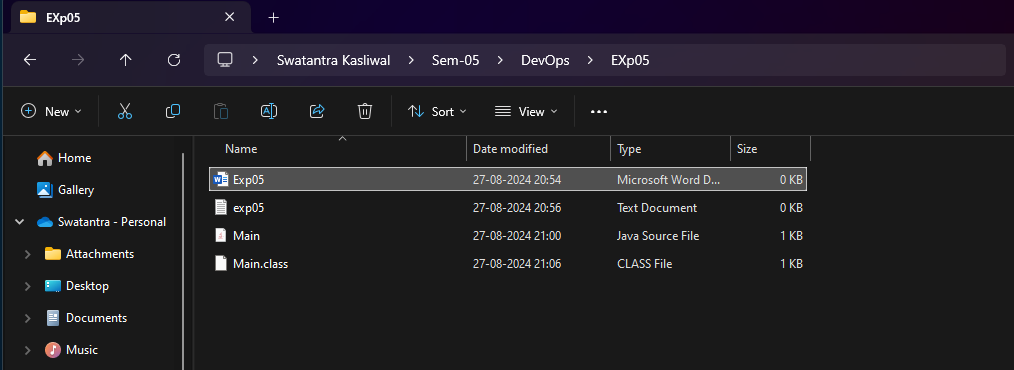
**AIM -** Executing java programming and integration of GitHub with

Jenkins.

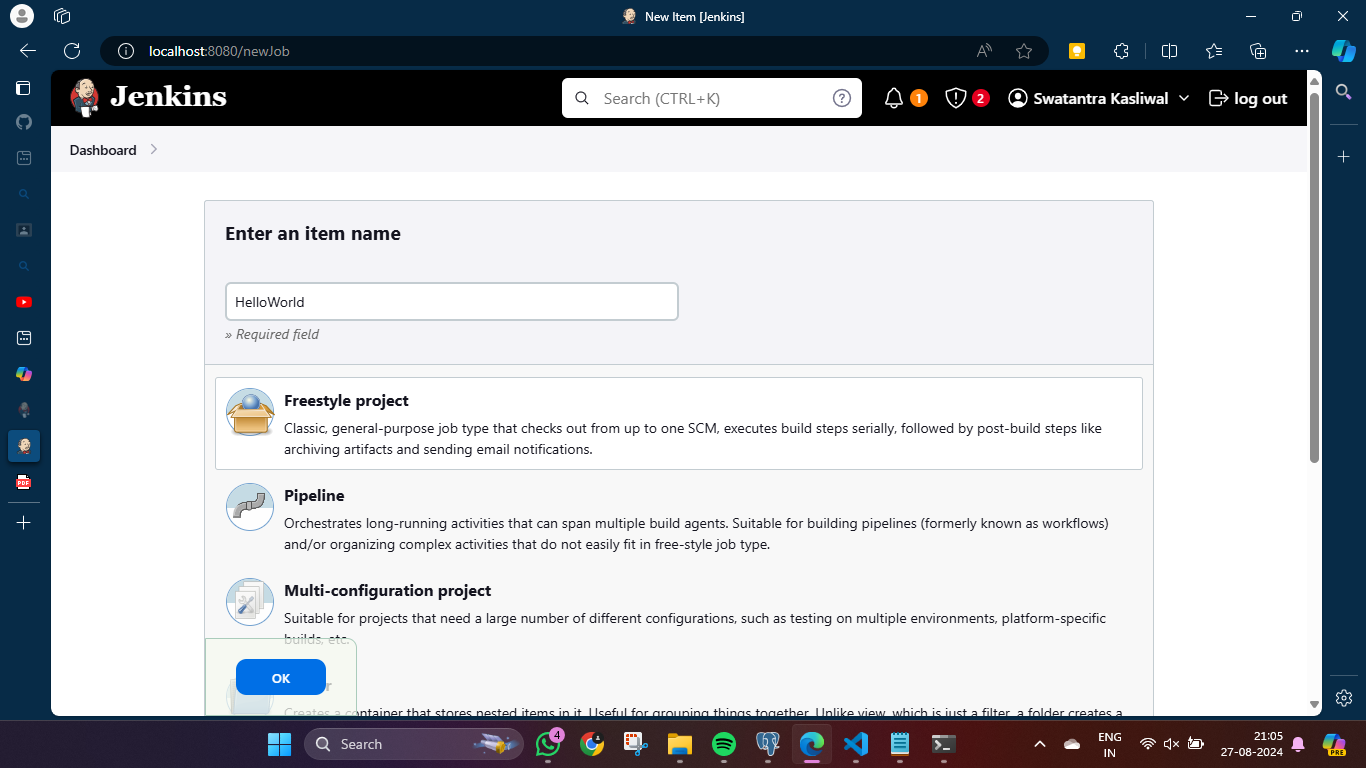
**Theory –**

Jenkins: Jenkins comes with a pretty basic setup, so you will need to install the required plugins to enable respective third-party application support. GitHub is a web-based repository of code which plays a major role in DevOps. It provides a common platform for multiple developers working on the same code/project to upload and retrieve updated code, thereby facilitating continuous integration. Jenkins needs to have GitHub plugin installed to be able to pull code from the GitHub repository.

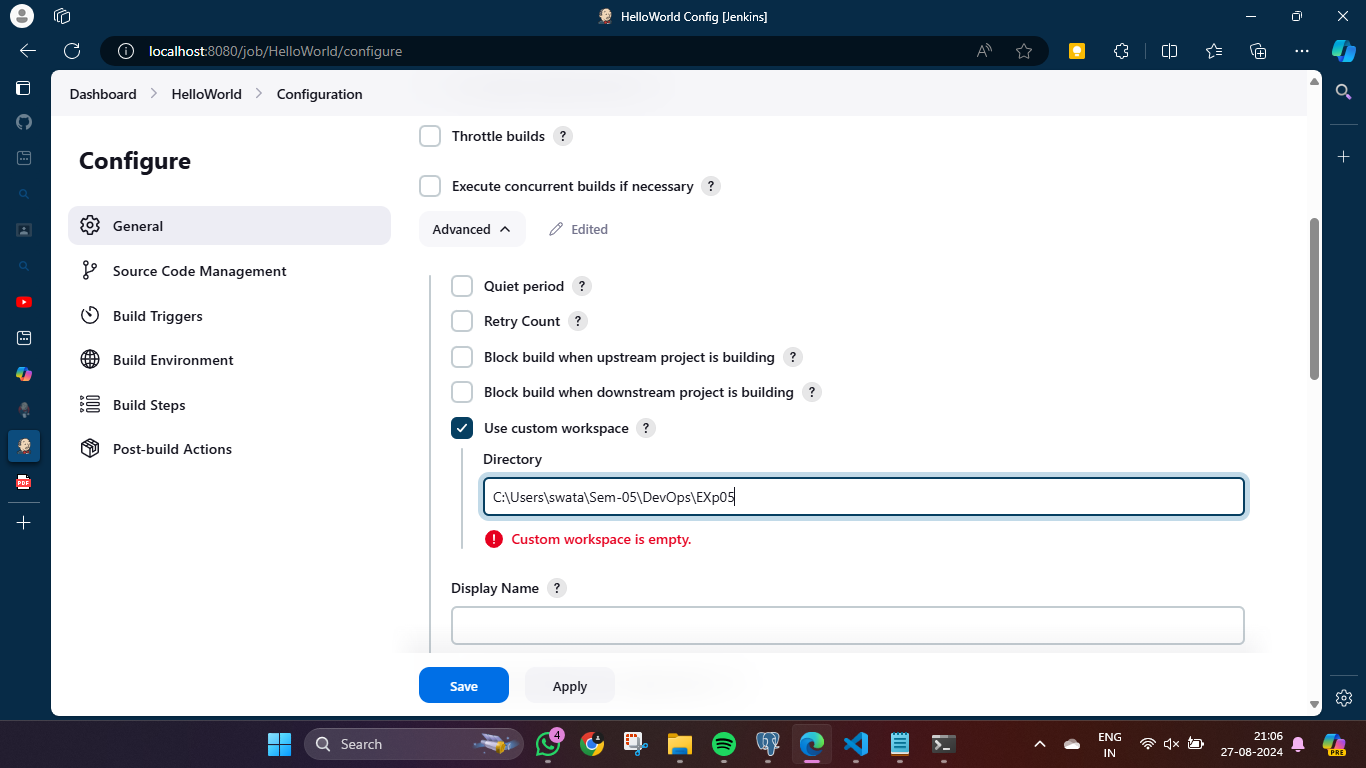
Step 1 -Go to any folder and create one java file

****

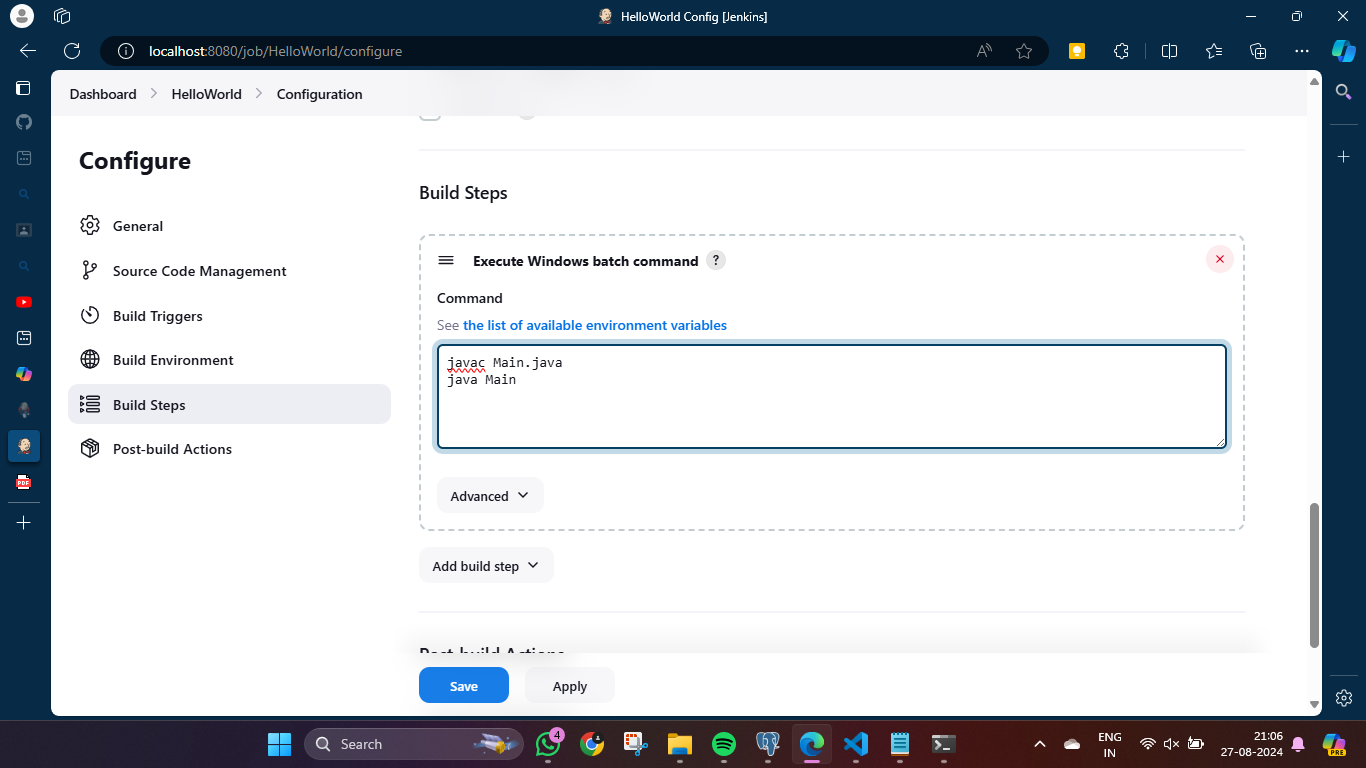
Step 2 – Create the new job with freestyle enviroment.

****

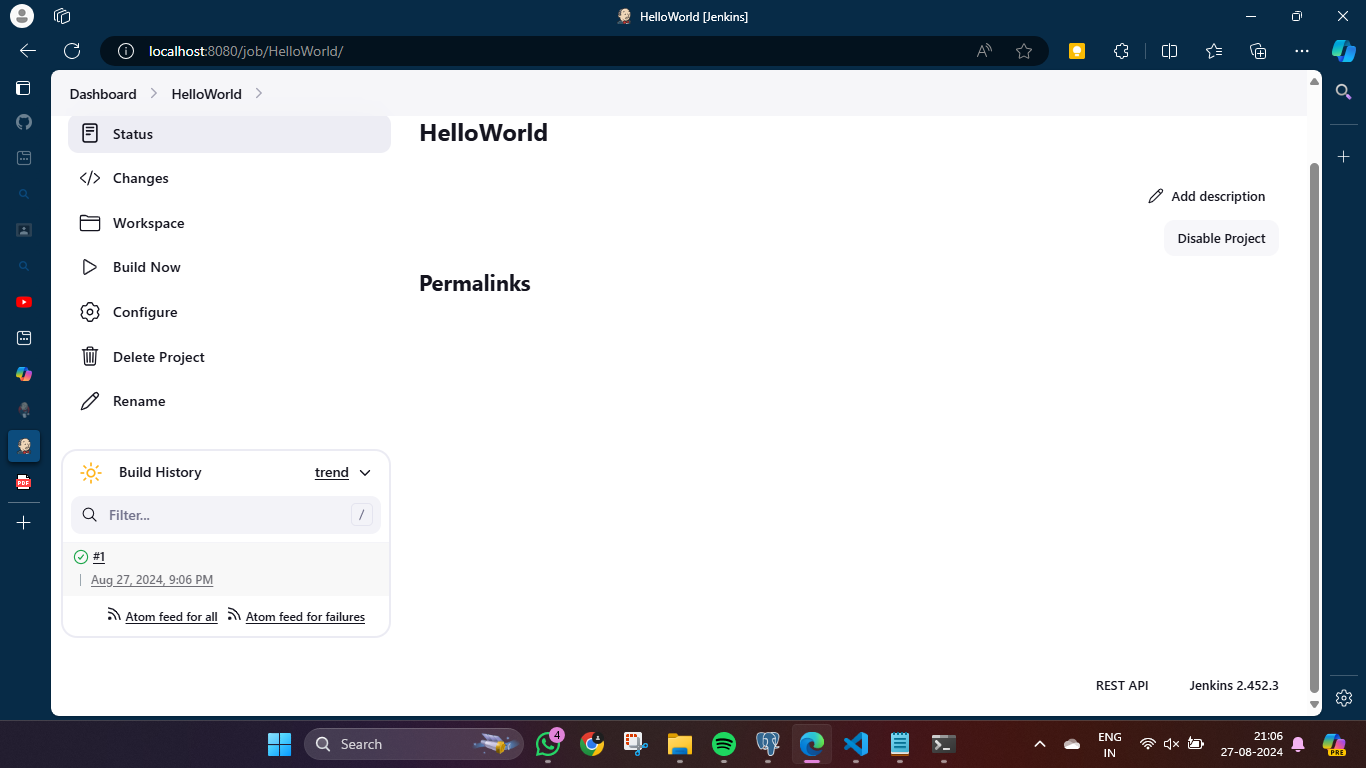
Step 3 – In “Advance” use “Use Custom Workspace ” and add the location of your java file

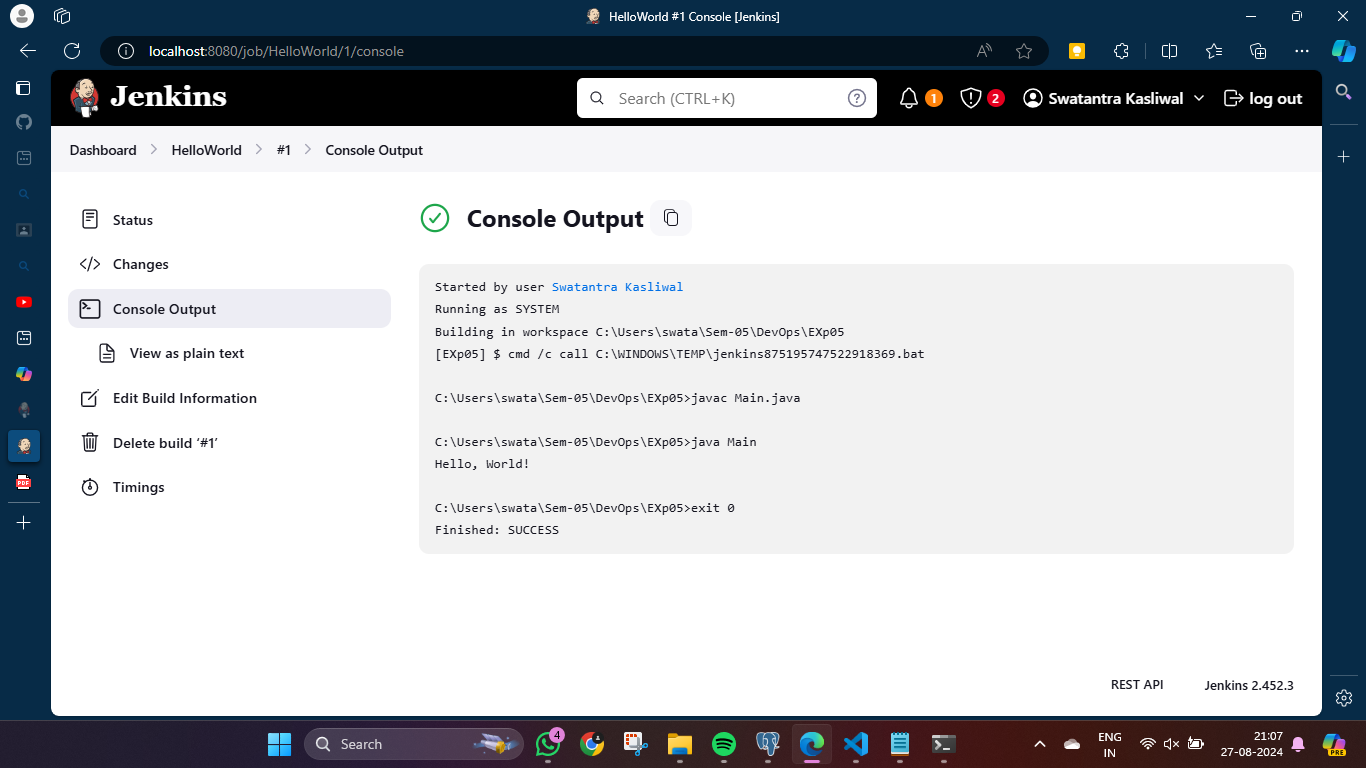
****

Step 4 – In “Build Steps” select “Execute Windows batch command” and enter the commands to run your java file and save it.

****

Step 5 – Now click on Build Now , it everything is correct it will show a green tick and console output , if there is error then it will show red tick.

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**Integrating Jenkins with GITHUB –**