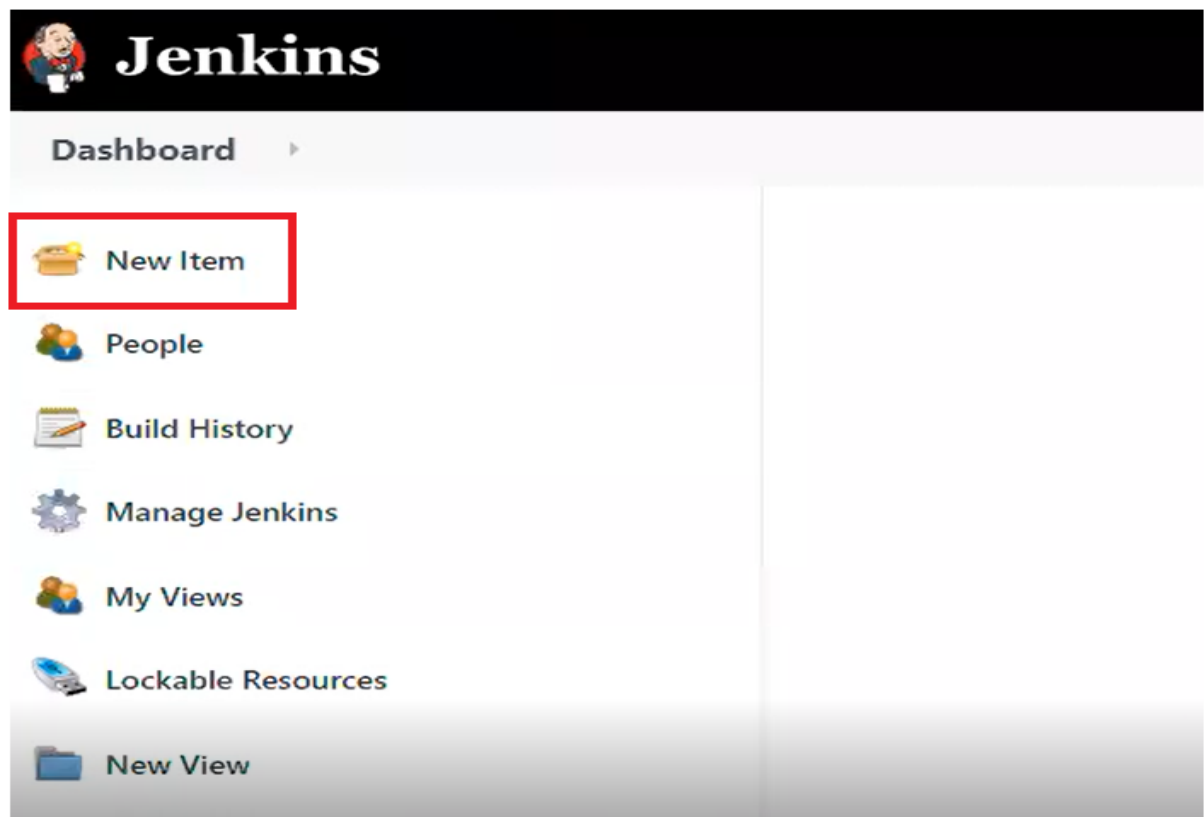


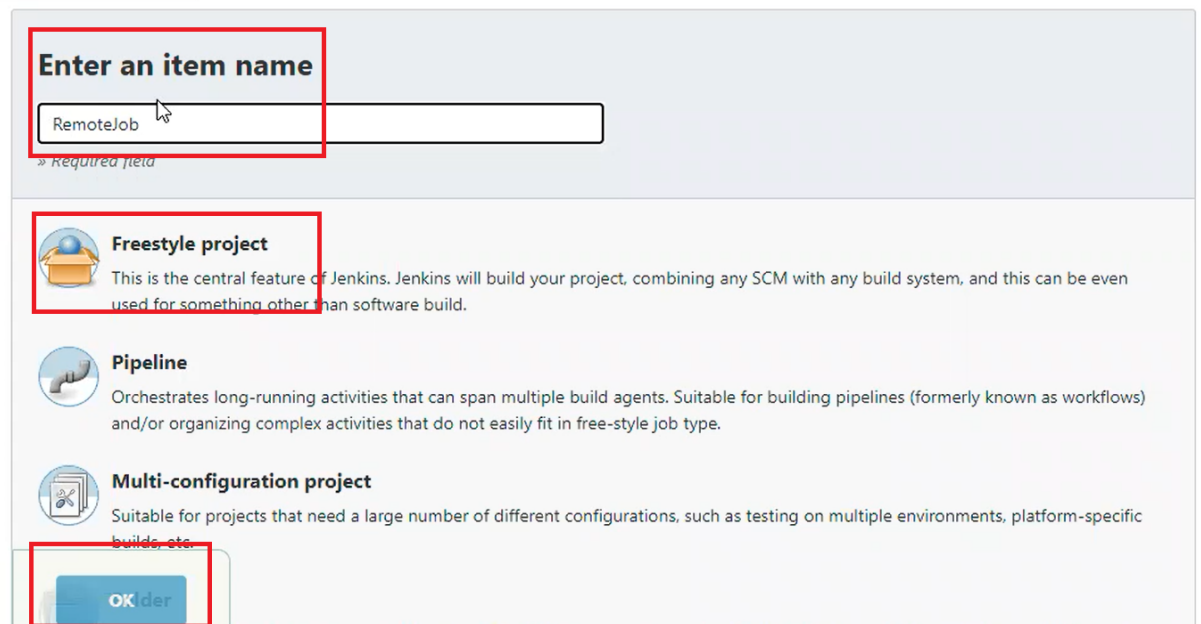
## How to Run Jenkins Jobs Remotely

This document covers the instructions for triggering or running Jenkins jobs remotely. Let's take a look at the steps involved in this process after you have logged into your AWS account and launched Jenkins in Ubuntu instance on port 8080.

1. Go to your **Jenkins Dashboard** and click on **New Item**.

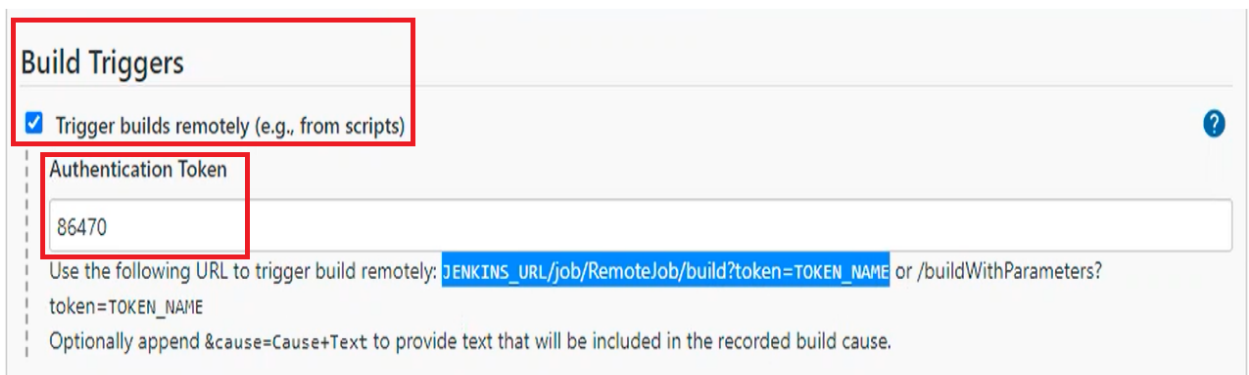


2. Create a new **freestyle project** as shown in the image below. Enter in a name for your project and click **OK**.



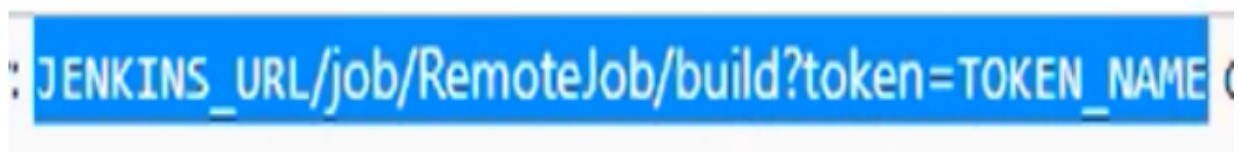
The image shows the Jenkins job configuration page. At the top, there is a section titled "Enter an item name" with a text input field containing "RemoteJob". Below this, there are three project type options: "Freestyle project", "Pipeline", and "Multi-configuration project". The "Freestyle project" option is selected and highlighted with a red box. Below the project type options, there is a blue button labeled "OK" and a button labeled "Cancel".

3. Then scroll down to the **Build Triggers** section and select the option 'Trigger builds remotely'.
4. Fill in the **Authentication Token** box with a token value.



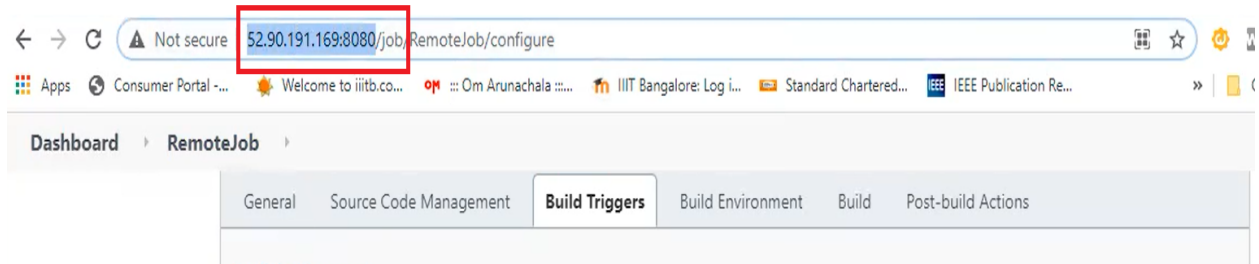
The image shows the "Build Triggers" section of the Jenkins job configuration page. The checkbox "Trigger builds remotely (e.g., from scripts)" is checked and highlighted with a red box. Below this, there is a text input field labeled "Authentication Token" containing the value "86470", which is also highlighted with a red box. Below the input field, there is a text box containing the following text: "Use the following URL to trigger build remotely: JENKINS\_URL/job/RemoteJob/build?token=TOKEN\_NAME or /buildWithParameters?token=TOKEN\_NAME". Below this, there is a note: "Optionally append &cause=Cause+Text to provide text that will be included in the recorded build cause."

5. Next, the **URL** must be configured using the following syntax shown below. This URL will be used later to run the Jenkins job remotely.

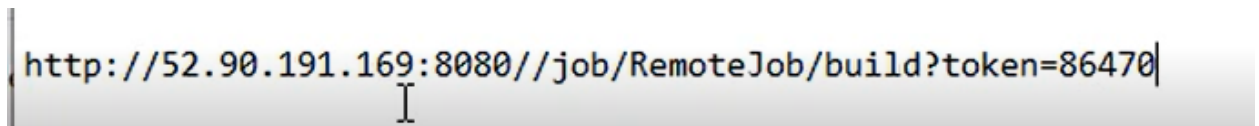


The image shows the URL syntax for triggering a Jenkins build remotely: `JENKINS_URL/job/RemoteJob/build?token=TOKEN_NAME`.

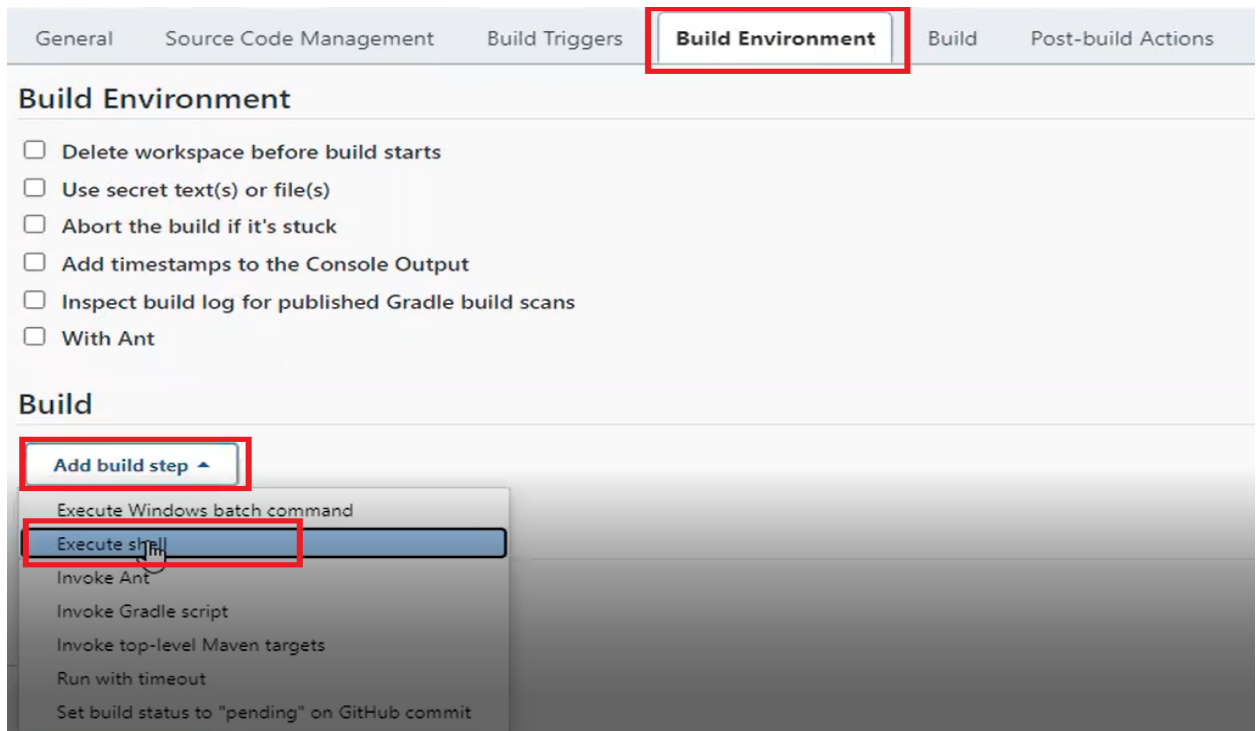
6. Now we need to replace the **JENKINS\_URL** with the actual Jenkins URL, and the **TOKEN\_NAME** with the **Authentication Token** that we had created earlier.
7. Copy the Jenkins url as shown below.



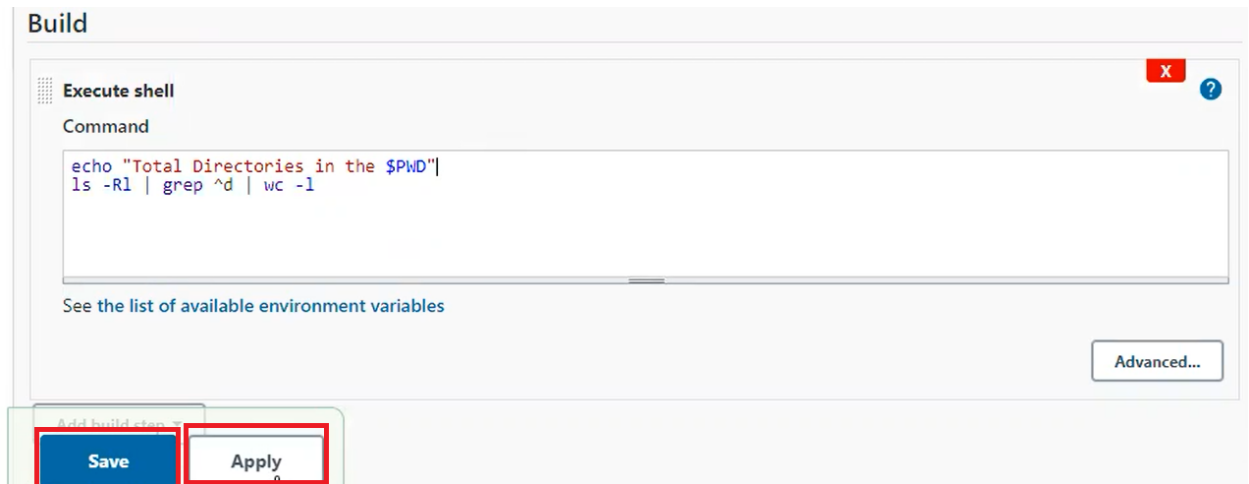
8. Then paste it in the place of **JENKINS\_URL**.
9. Similarly, in place of the **TOKEN\_NAME** provide the **Authentication Token** value. Your final URL would look like this:



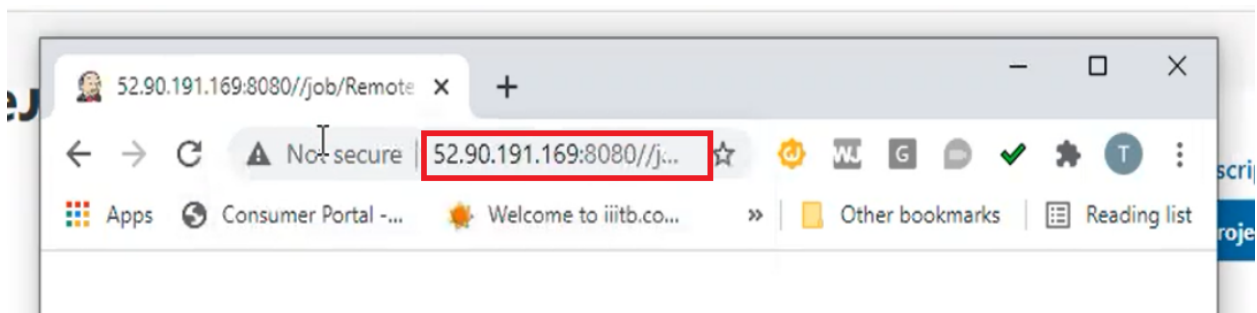
10. Next, scroll down to the **Build** section under the Build Environment tab.
11. Click on **Add build step** and select the **Execute shell** option, as shown in the image below.



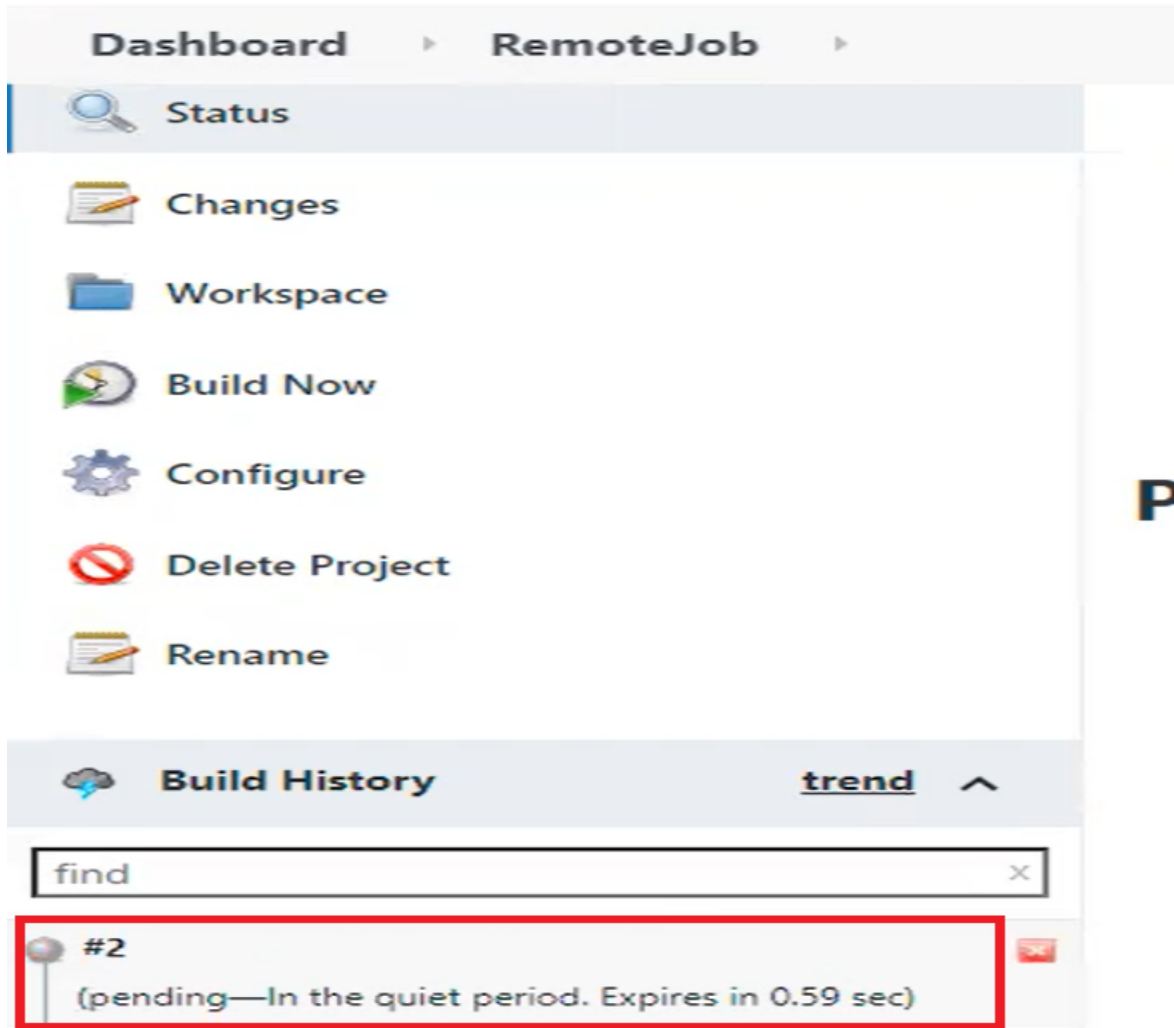
12. Now write the shell script or any other script that you want to execute.
13. Click on **Apply** and then **Save** the command.



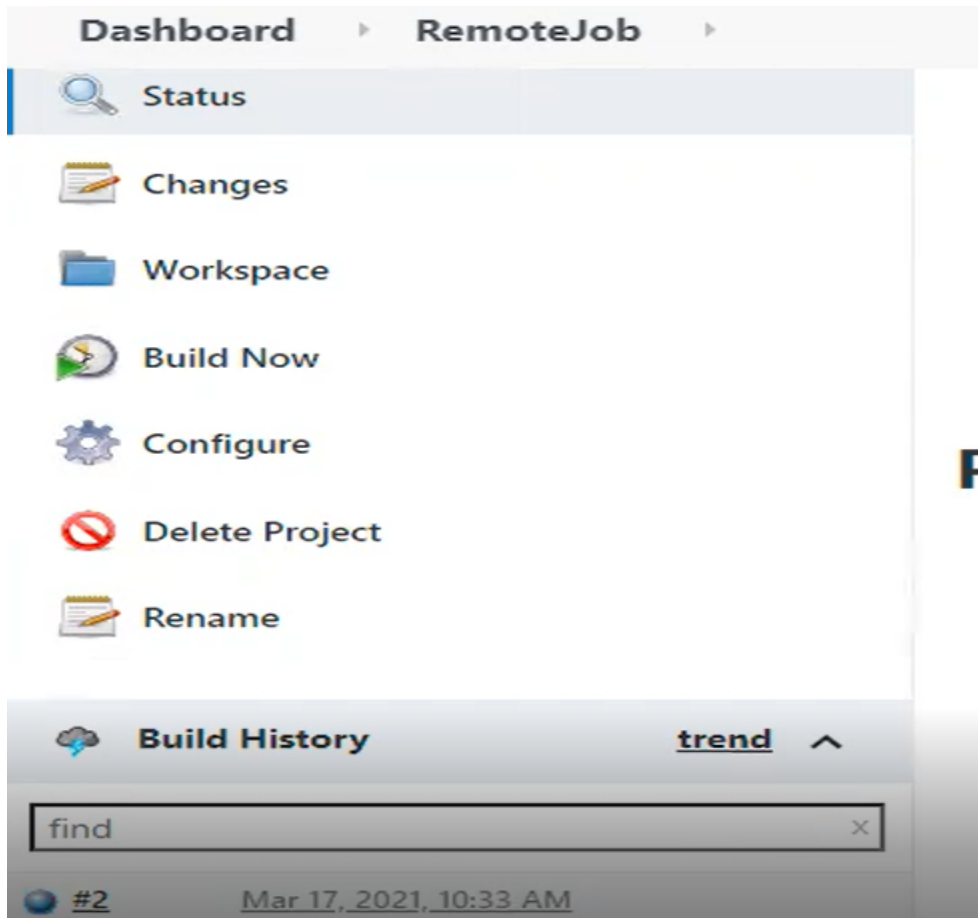
14. Next, open a tab in the browser and paste the **URL** that we created and then press Enter.



15. You can see your job getting built on the **Jenkins Dashboard**.



16. The circle next to the **Build History** will turn blue once the job is successfully built/completed.



17. You can view the **Console Output** by clicking on the build number in the **Build History**.

