DevOps Certification Training

Jenkins Assignment 2

You are working for an MNC - Software Solutions company as a DevOps Engineer and Company would want you to establish the CICD pipeline in their organization by automating various workflows. You are requested to establish following task.

1. Setup a Jenkins server on AWS ubuntu machine.
2. Create a pipeline project.
3. Configure below git repository to code checkout.
   GitHub : Repo URL
4. Compile the source code using Maven
5. Execute the Junit test cases using Maven
6. Package the application as war.
7. Install the tomcat9 server on AWS ubuntu machine.
8. Deploy the packaged application on Tomcat9.
9. Verify the application after successful deployment using browser.