1. Launch Amazon linux instance from AWS portal
2. Go to the url : <https://www.jenkins.io/download/>
3. Select stable release
4. Select redhat. url : https://pkg.jenkins.io/redhat-stable/
5. Add repository  
   sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo

sudo rpm --import <https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key>

1. yum install fontconfig
2. yum install java-17-amazon-corretto.x86\_64
3. yum install Jenkins
4. start the Jenkins service - # systemctl start Jenkins;systemctl status jenkins  
     
   Access the Jenkins url http://<ip>:8080   
     
   username: admin

password: Get the password from path in Jenkins server /var/lib/Jenkins/secrets/InitialAdminPassword  
  
Don’t install any plugins

1. Build pipeline using freestyle project
2. Go to New item -> select free style -> description - Hello world -> Go to build steps -> select execute shell (as we are using linux) ->  
   echo "hello world"

uptime

date

1. Apply and save
2. Click on build now  
     
   ------------------------------------------  
     
   1. Build Jenkins job using pipelines  
   2. Login to Jenkins url
3. Go to manage plugins-> available plugins->select pipeline->install
4. Create a new job
5. Select new item-> select pipeline and update below code  
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6. New item :
7. pipeline {
8. agent any
9. stages {
10. stage('Hello') {
11. steps {
12. echo 'Hello World'
13. }
14. }
15. }
16. }
17. ----------------------------------------------------
18. pipeline {
19. agent any
20. stages {
21. stage('Dev') {
22. steps {
23. echo 'Hello World'
24. }
25. }
26. stage('Test') {
27. steps {
28. echo 'Hello World'
29. }
30. }
31. }
32. }
33. ----------------------------------------------------