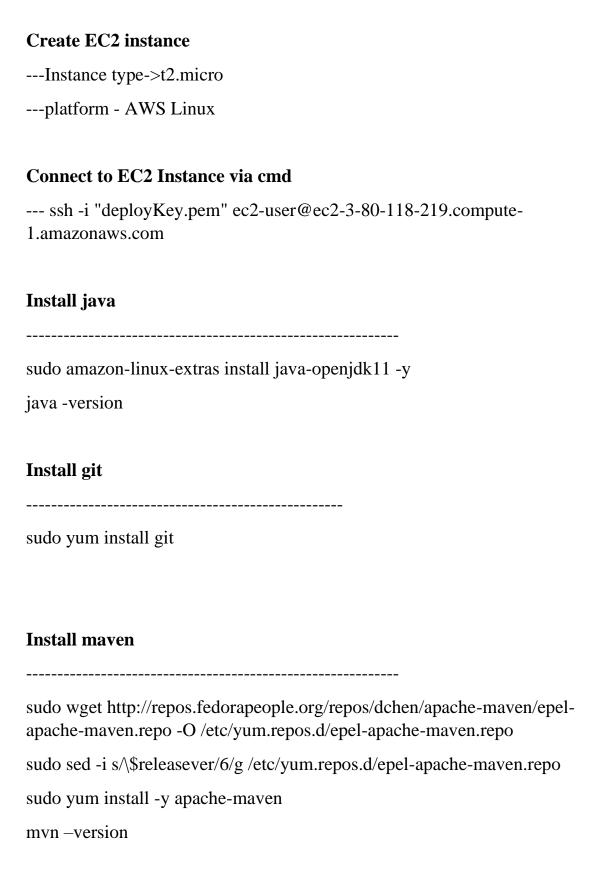
Steps to follow to deploy Spring Application on AWS EC2 instance using Jenkins



Install docker

sudo yum install docker -y
sudo service docker start
sudo chmod 666 /var/run/docker.sock

Install Jenkins

sudo yum update –y

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.key sudo yum upgrade

Create a job in Jenkins

- 1. select pipeline project.
- 2. Installing maven plugins -> Manage Jenkins -> System Configuration -> Install maven.
- 3. Setting java path. -> Manage Jenkins -> Global Tool Configuration -> Define the configuration.
- 4. Setting maven path. → Manage Jenkins → Global Tool Configuration
 → Define the configuration.

5. Build a pipeline for git integration.

```
pipeline {
       agent any
       stages {
               stage('Checkout') {
                    steps {
                            checkout scmGit(branches: [[name: '*/master']],
extensions: [], userRemoteConfigs: [[credentialsId: 'c8430932-7b9c-4fa6-8799-
bce2abbb142f', url: 'https://github.com/jyoti-123-khullar/SportyShoesProject03.git']])
                          }
             }
              stage('Build') {
                          steps {
                                git credentialsId: 'c8430932-7b9c-4fa6-8799-
bce2abbb142f', url: 'https://github.com/jyoti-123-khullar/SportyShoesProject03.git'
                                sh 'mvn -B -SportyShoesApplication clean package'
                                }
                            }
                           stage
                  }
         }
```

- 6. Write pipeline for execution of spring project.
- 7. Check console and logs for execution result.