

Step 1) vi /etc/sudoers and add the following line to Add the following line to grant Jenkins user sudo privileges

```
jenkins ALL=(ALL) NOPASSWD:ALL
```

```
# User privilege specification
root    ALL=(ALL:ALL) ALL
jenkins ALL=(ALL) NOPASSWD:ALL
# Members of the admin group may gain root privileges
```

- Save and exit the file.
- Restart Jenkins to apply the changes.

Step 2: Run the below command

```
sudo chown jenkins:jenkins /var/lib/dpkg/lock-frontend
```

```
sudo chmod 644 /var/lib/dpkg/lock-frontend
```

step3: Create pipeline

Below code need to execute in the pipeline

```
pipeline {
  agent any

  stages {
    stage('Checkout') {
      steps {
        // Checkout your Git repository
        checkout scmGit(branches: [[name: '*/main']], extensions: [], userRemoteConfigs: [[url:
'https://github.com/amitopenwriteup/repojenkins.git']])
      }
    }
  }
}
```

```
stage('Install npm') {  
  steps {  
    // Install Newman globally  
    sh 'sudo apt-get install -y npm'  
  }  
}
```

```
stage('Install Newman') {  
  steps {  
    // Install Newman globally  
    sh 'sudo npm install -g newman'  
  }  
}
```

```
stage('Run Postman Collection') {  
  steps {  
    // Run your Postman collection using Newman  
    sh 'sudo newman run collections.json'  
  }  
}  
}  
}
```