



Testing in DevOps

DOu – Certified Tester in DevOps (CTD)
Exercise Solutions

HO-1.3.4(HO-1)

Exercise - Create a simple pipeline for code compilation based on trigger from code check-in

- Add compile stage in jenkins pipeline and trigger the build using webhook

HO-1.3.4(HO-1)

Exercise Solution - Create a simple pipeline for code compilation based on trigger from code check-in

- Make sure you are already logged in Jenkins and be on Dashboard UI
- Add Compile stage code in Jenkinsfile.txt on local machine
 - Clean(Already added)
 - PMD(Already added)
 - **Compile**

HO-1.3.4(HO-1)

Add Stage – Compile

1. **Compile** defines a stage that appears on the Jenkins UI
2. **sh** runs the Maven command to compile the source code

```
//Code starts for stage Compile
stage('Compile') {      (1)
    steps {
        sh 'mvn compile'      (2)
    }
}

//Code ends for stage Compile
```

HO-1.3.4(HO-1)

Exercise Solution - Create a simple pipeline for code compilation based on trigger from code check-in

- Saving Jenkinsfile.txt & Commit it on GitHub
- Running The Pipeline
 - Go to Jenkins Dashboard
 - Build will be triggered automatically because of webhook
 - Click Build no. link
 - Click Console Output link
 - Verify the build result is successful