

# Jenkins Challenge - 01

- Use the code below to implement our CICD stages.
  - o **Source Code:** <https://github.com/betawins/hiring-app.git>
  - o Repository contains the application code for the hiring app.
- Create one Declarative pipeline job.

Challenge-Declarative / #6

✓ #6 (Feb 23, 2026, 6:24:52 AM)

Started by user Vqaas Taimoor

This run spent:

- 22 ms waiting;
- 23 sec build duration;
- 23 sec total from scheduled to completion.

git Revision: 9405b107fdffdf68e69fe953ea1f9669784f9d6a  
Repository: <https://github.com/betawins/hiring-app.git>

- refs/remotes/origin/main

</> No changes.

☆ hiring Maven Webapp PUBLIC

Last analysis: 4 minutes ago • 39 Lines of Code • XML, JSP

Security	Reliability	Maintainability	Hotspots Reviewed	Coverage	Duplications
A 0	C 3	A 0	A —	—	0.0%

```
jenkins@634d24255021:~/workspace/Challenge-Declarative$ ls
Dockerfile Jenkinsfile README.md 'Untitled Diagram.drawio' jenkinsfile-cicd pom.xml src target
jenkins@634d24255021:~/workspace/Challenge-Declarative$ cd target/
jenkins@634d24255021:~/workspace/Challenge-Declarative/target$ ls
hiring hiring.war maven-archiver
jenkins@634d24255021:~/workspace/Challenge-Declarative/target$ █
```

# Jenkins Challenge - 01

The screenshot shows the Jenkins 'Challenge-Declarative' job configuration. At the top, there's a 'Browse' button and a 'Challenge-Declarative' link. Below that is a 'Upload component' button and an 'HTML View' link. The main area displays a file tree under the 'in' directory:

- in
  - javahome
    - hiring
      - 0.1
        - hiring-0.1.war
        - hiring-0.1.war.md5
        - hiring-0.1.war.sha1

At the bottom, a browser address bar shows the URL `13.218.232.37:8082/hiring-declarative/`. The page content includes a 'Welcome to Techie Horizon' message.

## Welcome to Techie Horizon

A Jenkins status bar showing 'Build SUCCESS Challenge-Declarative #6' at 11:55.

- Create one Scripted pipeline job.

The screenshot shows the Jenkins Pipeline job #1 details. It indicates a successful build (#1, Feb 23, 2026, 6:34:36 AM) started by user Viquas Taimoor. The run spent time is listed as 19 seconds. The git commit information is shown as:

- Revision: 9405b107fdffdf68e69fe953ea1f9669784f9d6a
- Repository: <https://github.com/betawins/hiring-app.git>
- refs/remotes/origin/main

The status message at the bottom is '</> No changes.'

# Jenkins Challenge - 01

☆ hiring Maven Webapp PUBLIC Passed

Last analysis: 2 minutes ago • 39 Lines of Code • XML, JSP

A 0 Security   C 3 Reliability   A 0 Maintainability   A — Hotspots Reviewed   — Coverage   0.0% Duplications

1 of 1 shown

```
jenkins@634d24255021:~/workspace/Challenge-Scripted$ ls
Dockerfile Jenkinsfile README.md 'Untitled Diagram.drawio' jenkinsfile-cicd pom.xml src target
jenkins@634d24255021:~/workspace/Challenge-Scripted$ cd target
jenkins@634d24255021:~/workspace/Challenge-Scripted/target$ ls
hiring hiring.war maven-archiver
jenkins@634d24255021:~/workspace/Challenge-Scripted/target$ 
```

**Browse** / **Challenge-Scripted**

[Upload component](#) [HTML View](#)

in

- javahome
  - hiring
    - 0.1
      - hiring-0.1.war
      - hiring-0.1.war.md5
      - hiring-0.1.war.sha1

← → ⌂ △ Not secure 13.218.232.37:8082/hiring-scripted/

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Welcome to Techie Horizon

Build SUCCESS Challenge-Scripted #1

- Create one multistage pipeline job.

# Jenkins Challenge - 01

MultiStage-Hiring ▾ / #1

✓ #1 (Feb 23, 2026, 6:48:57 AM)

⌚ Started by user Vqaas Taimoor

⌚ This run spent:

- 9 ms waiting;
- 22 sec build duration;
- 22 sec total from scheduled to completion.

git Revision: 9405b107fdffdf68e69fe953ea1f9669784f9d6a  
Repository: <https://github.com/betawins/hiring-app.git>

- refs/remotes/origin/main

</> No changes.

☆ hiring Maven Webapp PUBLIC

Last analysis: 3 minutes ago • 39 Lines of Code • XML, JSP



1 of 1 shown

```
jenkins@634d24255021:~/workspace/MultiStage-Hiring$ ls
Dockerfile  Jenkinsfile  README.md  'Untitled Diagram.drawio'  jenkinsfile-cicd  pom.xml  src  target
jenkins@634d24255021:~/workspace/MultiStage-Hiring$ cd target/
jenkins@634d24255021:~/workspace/MultiStage-Hiring/target$ ls
hiring  hiring.war  maven-archiver
jenkins@634d24255021:~/workspace/MultiStage-Hiring/target$ █
```

# Jenkins Challenge - 01

The screenshot shows the Jenkins 'Browse' interface for the 'MultiStage-Hiring' job. At the top, there's a 'Upload component' button and an 'HTML View' link. Below is a file tree structure:

- in
  - javahome
    - hiring
      - 0.1
        - hiring-0.1.war
        - hiring-0.1.war.md5
        - hiring-0.1.war.sha1

At the bottom, a browser window shows the URL `13.218.232.37:8082/hiring-multistage/`. The page content includes a 'Welcome to Techie Horizon' message and a notification from 'Viqaas-17' at 12:19 PM stating 'MULTI-STAGE SUCCESS MultiStage-Hiring #1'.

- Create one parallel stage pipeline job.

The screenshot shows the Jenkins Pipeline job log for 'ParallelStage-Hiring' run #1. The log details the following information:

- Run #1 (Feb 23, 2026, 7:03:10 AM) was started by user Viqaas Taimoor.
- This run spent:
  - 23 ms waiting;
  - 21 sec build duration;
  - 21 sec total from scheduled to completion.
- git Revision: 9405b107fdfdf68e69fe953ea1f9669784f9d6a  
Repository: <https://github.com/betawins/hiring-app.git>
  - refs/remotes/origin/main
- </> No changes.

# Jenkins Challenge - 01

```
[Pipeline] withSonarQubeEnv
[SonarQube Scan] Injecting SonarQube environment variables using the configuration: SonarQube
[Pipeline] sh
[Pipeline] {
[Pipeline] sh
[Maven Build] + mvn clean install -DskipTests
[SonarQube Scan] + mvn sonar:sonar
[Maven Build] [0;34mINFO[m] Scanning for projects...
[0;34mINFO[m]
[0;34mINFO[m] @[1m-----< @0;36min.javahome:hiring@0;1m >-----@[m
[0;34mINFO[m] @[1mBuilding hiring Maven Webapp 0.1@[m
[0;34mINFO[m]   from pom.xml
[0;34mINFO[m] @[1m----- [ war ]-----@[m
[0;34mINFO[m]
[0;34mINFO[m] @[1m--- @0;32mclean:3.2.0:clean@m @1m(default-clean)m @ @36mhiring@0;1m ---@m
[SonarQube Scan] [0;34mINFO[m] Scanning for projects...
[Maven Build] [0;34mINFO[m]
[0;34mINFO[m] @[1m--- @0;32mresources:3.3.1:resources@m @1m(default-resources)m @ @36mhiring@0;1m ---@m
[SonarQube Scan] [0;33mWARNING[m] The artifact org.codehaus.mojo:sonar-maven-plugin:jar:4.0.0.4121 has been relocated to org.sonarsource.scan was moved to SonarSource organisation
[0;34mINFO[m]
[0;34mINFO[m] @[1m-----< @0;36min.javahome:hiring@0;1m >-----@[m
[0;34mINFO[m] @[1mBuilding hiring Maven Webapp 0.1@[m
[0;34mINFO[m]   from pom.xml
```

☆ hiring Maven Webapp PUBLIC ✓ Passed

Last analysis: 1 minute ago • 39 Lines of Code • XML, JSP

A 0	C 3	A 0	A —	—	0.0%
Security	Reliability	Maintainability	Hotspots Reviewed	Coverage	Duplications

```
jenkins@634d24255021:~/workspace/ParallelStage-Hiring$ ls
Dockerfile Jenkinsfile README.md 'Untitled Diagram.drawio' jenkinsfile-cicd pom.xml src target
jenkins@634d24255021:~/workspace/ParallelStage-Hiring$ cd target/
jenkins@634d24255021:~/workspace/ParallelStage-Hiring/target$ ls
hiring hiring.war maven-archiver sonar
jenkins@634d24255021:~/workspace/ParallelStage-Hiring/target$ █
```

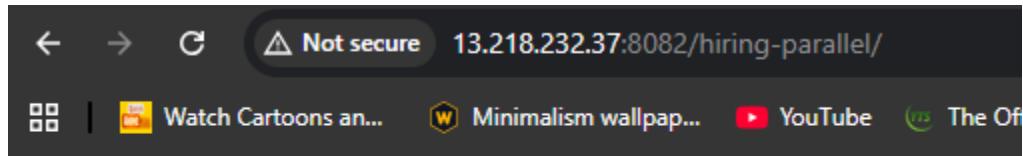
☰ Browse /  ParallelStage-Hiring

[Upload component](#) [HTML View](#)

in

- javahome
- hiring
- 0.1
- hiring-0.1.war
- hiring-0.1.war.md5
- hiring-0.1.war.sha1

# Jenkins Challenge - 01



Welcome to Techie Horizon

MULTI-STAGE SUCCESS Multistage-Hiring #2

PARALLEL SUCCESS ParallelStage-Hiring #2