

PHASE 5

PRACTICE PROJECT 4

SETTING UP JENKINS PIPELINE TO DEPLOY DOCKER SWARM

OUTPUT:

The screenshot shows the Jenkins web interface for a pipeline named 'JenkinsPipeLine'. The left sidebar contains navigation options: Status, Changes, Build Now (highlighted), Configure, Delete Pipeline, Full Stage View, Rename, and Pipeline Syntax. The main area displays the 'Stage View' for the pipeline, showing a table of stage execution times. The table has columns for 'App build', 'Image build', 'Container build', and 'App run'. The 'Average stage times' row shows 332ms, 129ms, 101ms, and 143ms respectively. Below this, a table shows the execution of stage #1 on Oct 08 09:48, with the same timing values. The 'Build History' section on the left shows a single build from Oct 8, 2022, 9:48 AM, with links to 'Atom feed for all' and 'Atom feed for failures'. The bottom right corner of the interface shows 'REST API' and 'Jenkins 2.361.2'.

	App build	Image build	Container build	App run
Average stage times: (Average full run time: ~5s)	332ms	129ms	101ms	143ms
#1 Oct 08 09:48 No Changes	332ms	129ms	101ms	143ms

```
Started by user admin
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/JenkinsPipeLine
[Pipeline] {
[Pipeline] stage
[Pipeline] { (App build)
[Pipeline] echo
App Initiated
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Image build)
[Pipeline] echo
Image build successful
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Container build)
[Pipeline] echo
Container build successful
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (App run)
[Pipeline] echo
App running successfully
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```