

Run jenkins on docker compose:

File docker-compose ada di:

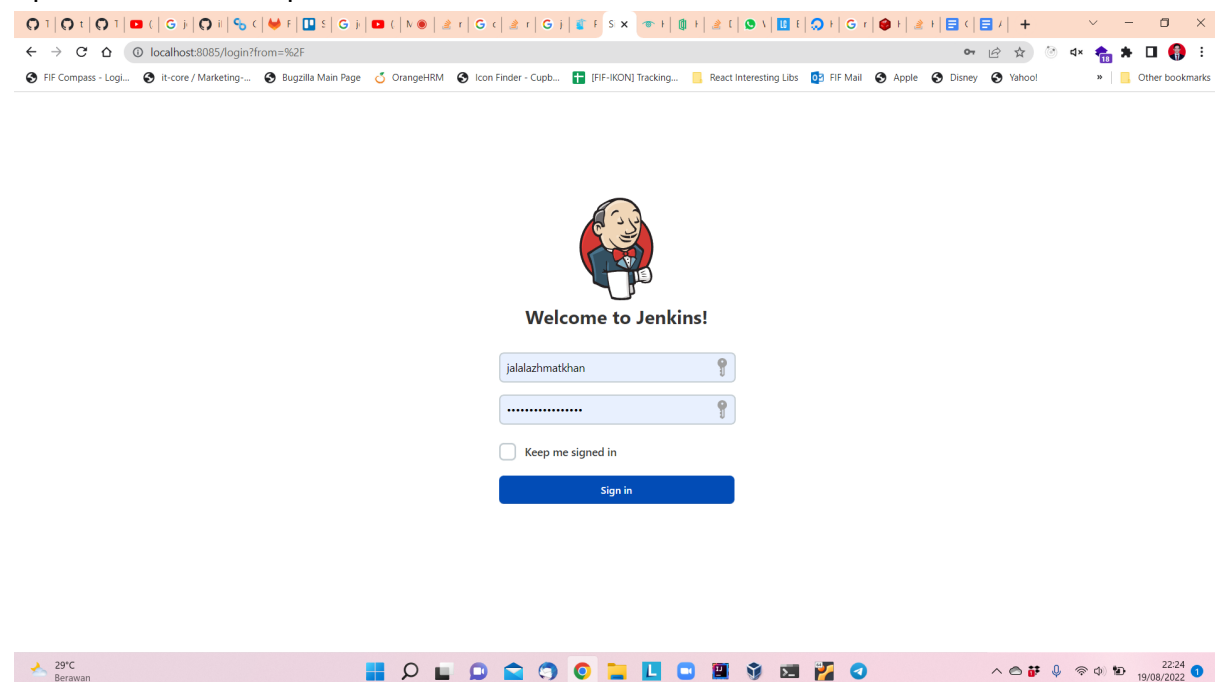
<https://github.com/jalaluddin94/training-alterra/tree/tugas/jenkins>

run docker-compose up:

```
jenkins | webroot: EnvVars.masterEnvVars.get("JENKINS_HOME")
jenkins | 2022-08-19 15:13:28.830+0000 [id=1] INFO org.eclipse.jetty.util.log.Log#initialized: Logging initialized @556ms to org.eclipse.jetty.util.log.JavaUtilLog
jenkins | 2022-08-19 15:13:28.919+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
jenkins | 2022-08-19 15:13:28.952+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
jenkins | 2022-08-19 15:13:21.026+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-9.4.45.v20220203; built: 2022-02-03T09:14:34.105Z; git: 4a0c91c0be53805e3fcffdc
cdcc9587d5301863db; jvm 11.0.15+10
jenkins | 2022-08-19 15:13:21.421+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.jsp.JettyJspServlet
jenkins | 2022-08-19 15:13:21.465+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: DefaultSessionIdManager workerName=node0
jenkins | 2022-08-19 15:13:21.465+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: No SessionScavenger set, using defaults
jenkins | 2022-08-19 15:13:21.466+0000 [id=1] INFO o.e.j.server.session.HouseKeeper#startScavenging: node0 Scavenging every 660000ms
jenkins | 2022-08-19 15:13:22.000+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: /var/jenkins_home found at: EnvVars.masterEnvVars.get("JENKINS_
HOME")
jenkins | 2022-08-19 15:13:22.305+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.07cf7aee[Jenkins v2.346.2, /file:///var/jenkins_home/war/,AVAILABLE]{/var/j
jenkins_home/war}
jenkins | 2022-08-19 15:13:22.352+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@4c402120[HTTP/1.1, (http/1.1)]{0.0.0.0:8085}
jenkins | 2022-08-19 15:13:22.352+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started @2080ms
jenkins | 2022-08-19 15:13:22.371+0000 [id=23] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled
jenkins | 2022-08-19 15:13:22.662+0000 [id=29] INFO Jenkins.InitReactorRunners$1#onAttained: Started initialization
jenkins | 2022-08-19 15:13:22.916+0000 [id=28] INFO Jenkins.InitReactorRunners$1#onAttained: Listed all plugins
jenkins | 2022-08-19 15:13:27.294+0000 [id=29] INFO Jenkins.InitReactorRunners$1#onAttained: Prepared all plugins
jenkins | 2022-08-19 15:13:27.335+0000 [id=28] INFO Jenkins.InitReactorRunners$1#onAttained: Started all plugins
jenkins | 2022-08-19 15:13:27.539+0000 [id=31] INFO Jenkins.InitReactorRunners$1#onAttained: Augmented all extensions
jenkins | WARNING: An illegal reflective access operation has occurred
jenkins | WARNING: Illegal reflective access by org.codehaus.groovy.vmplugin.v7.Java7$1 (file:/var/jenkins_home/war/WEB-INF/lib/groovy-all-2.4.21.jar) to constructor java.lang.invoke.Met
hodHandlesLookup(java.lang.Class,int)
jenkins | WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.vmplugin.v7.Java7$1
jenkins | WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
jenkins | WARNING: All illegal access operations will be denied in a future release
jenkins | 2022-08-19 15:13:28.531+0000 [id=29] INFO h.p.b.g.GlobalTimeoutConfiguration#Load: global timeout not set
jenkins | 2022-08-19 15:13:28.797+0000 [id=31] INFO Jenkins.InitReactorRunners$1#onAttained: System config loaded
jenkins | 2022-08-19 15:13:28.798+0000 [id=29] INFO Jenkins.InitReactorRunners$1#onAttained: System config adapted
jenkins | 2022-08-19 15:13:28.880+0000 [id=31] INFO Jenkins.InitReactorRunners$1#onAttained: Loaded all jobs
jenkins | 2022-08-19 15:13:28.911+0000 [id=28] INFO Jenkins.InitReactorRunners$1#onAttained: Configuration for all jobs updated
jenkins | 2022-08-19 15:13:28.960+0000 [id=45] INFO hudson.model.AsyncPeriodicWork$lambda$doRun$1: Started Download metadata
jenkins | 2022-08-19 15:13:28.996+0000 [id=45] INFO hudson.model.AsyncPeriodicWork$lambda$doRun$1: Finished Download metadata. 16 ms
jenkins | 2022-08-19 15:13:29.098+0000 [id=30] INFO Jenkins.InitReactorRunners$1#onAttained: Completed initialization
jenkins | 2022-08-19 15:13:29.268+0000 [id=22] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
jenkins | 2022-08-19 15:14:01.792+0000 [id=124] INFO o.j.p.workflow.job.WorkflowRun#finish: Students #10 completed: SUCCESS
jenkins | 2022-08-19 15:16:43.446+0000 [id=153] INFO o.j.p.workflow.job.WorkflowRun#finish: Students #11 completed: FAILURE
```

jenkins sudah berjalan di port 8085 sesuai config pada docker-compose.yml

Open localhost:8085 pada browser:

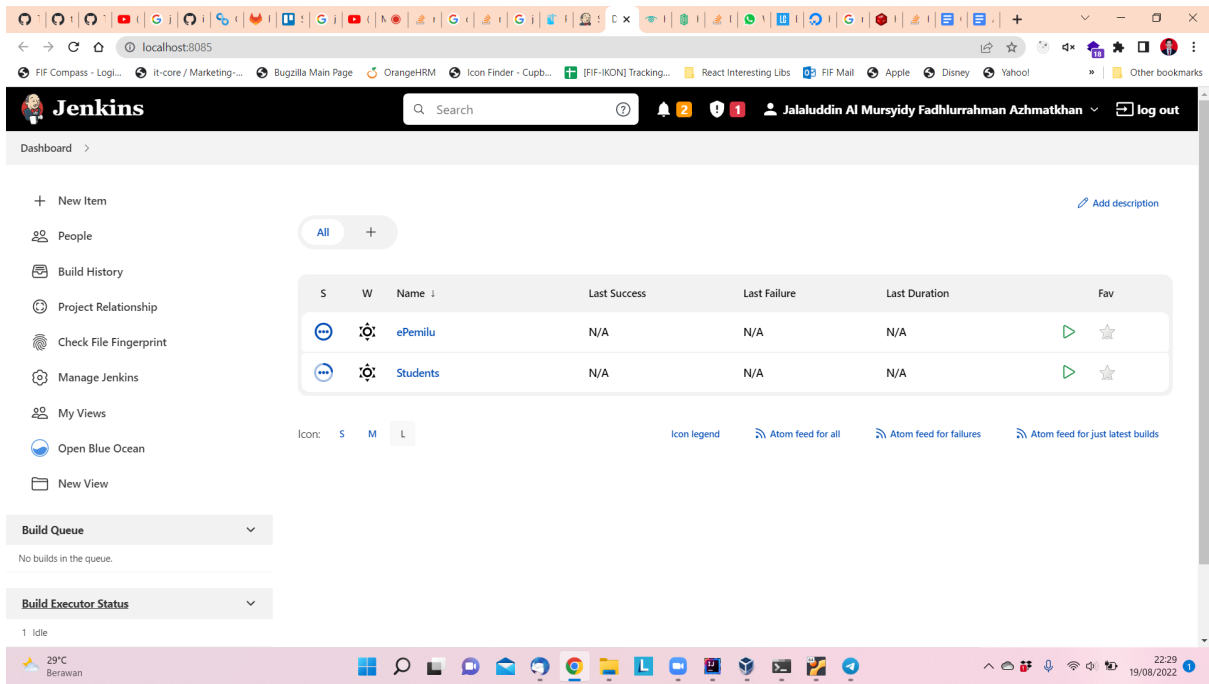


Login, lalu create New Item > namakan projectnya dan pilih Pipeline > pilih Pipeline with SCM > masukkan Git repository, branch yang akan dibuild dan credential gitnya >

Save/Apply

Tambahkan plugin github pada Jenkins

Tampilan dashboard setelah item/project jenkins terbuat:



Pilih project tsb dan klik Build now:

