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EXPERIMENT-1

- **JENKINS SETUP**

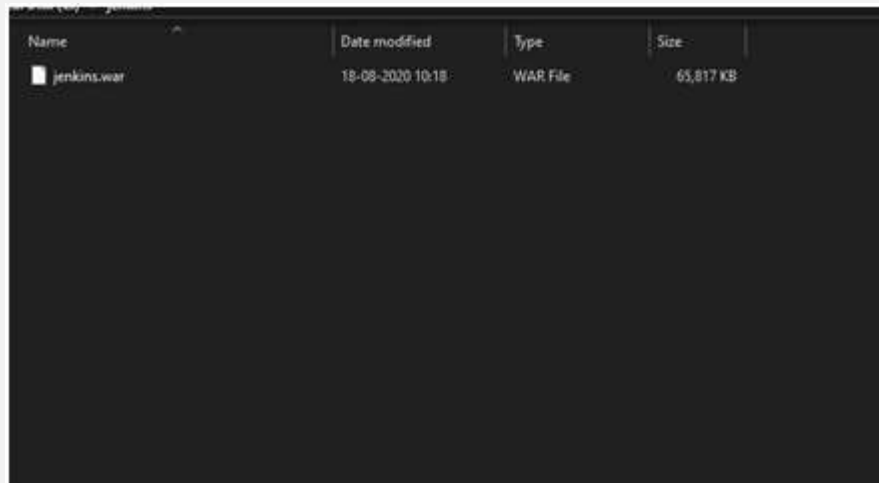
STEP-1

Go to Link <https://www.jenkins.io/download/>

STEP-2

Click on Generic Java Package (.war):- This will download a (.war) file





Name	Date modified	Type	Size
jenkins.war	18-08-2020 10:18	WAR File	65,817 KB

STEP-3

Open Command Prompt and go to Jenkins folder through CMD



```
C:\WINDOWS\system32>cd C:\jenkins
C:\jenkins>
```

STEP-4

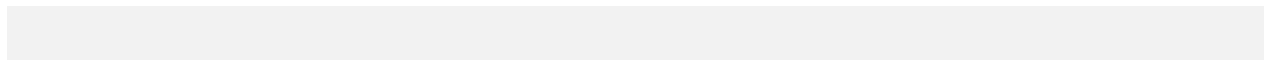
Now run command: — java -jar jenkins.war

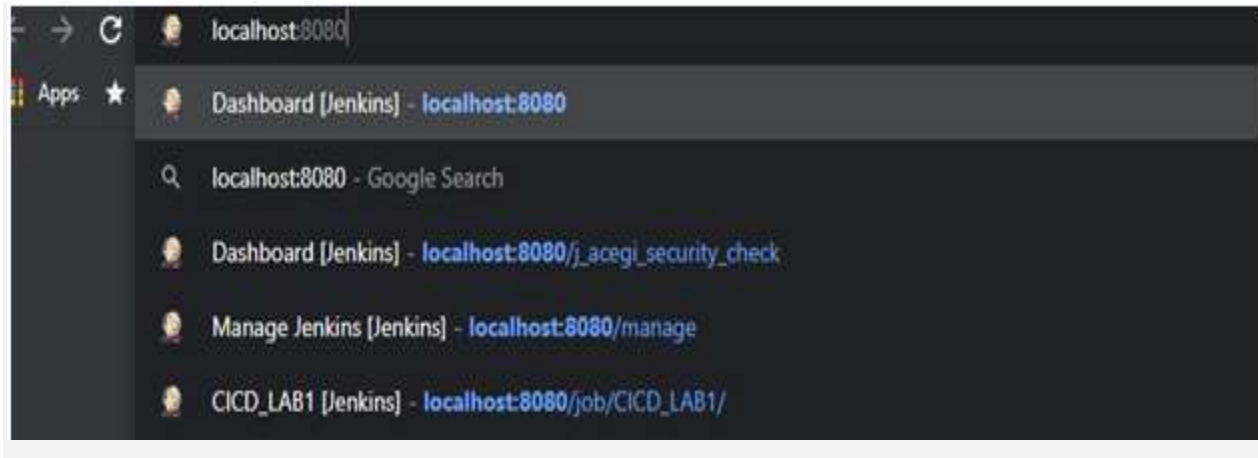
- Note:- Your System should have JDK (VERSION 8 TO 11 anyone)

```
C:\jenkins>java -jar jenkins.war
Running from: C:\jenkins\jenkins.war
webroot: $user.home/.jenkins
2020-08-25 09:00:24.695+0000 [id=1] INFO org.eclipse.jetty.util.log.Log#initialized: Logging initialized @1789ms to org.eclipse.j
2020-08-25 09:00:24.847+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
2020-08-25 09:00:24.913+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
2020-08-25 09:00:25.064+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-9.4.30.v20200611; built: 2020-06-11T12:34
2b7bb13ef5a92a927634b0d; jvm 11.0.8+10-LTS
2020-08-25 09:00:26.590+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org
et
2020-08-25 09:00:26.691+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: DefaultSessionIdManager workerName=node0
2020-08-25 09:00:26.692+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: No SessionScavenger set, using defaults
2020-08-25 09:00:26.700+0000 [id=1] INFO o.e.j.server.session.HouseKeeper#startScavenging: node0 Scavenging every 660000ms
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.thoughtworks.xstream.core.util.Fields (file:/C:/Users/Dell/.jenkins/war/WEB-INF/lib/xstream-1.
.util.TreeMap.comparator
WARNING: Please consider reporting this to the maintainers of com.thoughtworks.xstream.core.util.Fields
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
2020-08-25 09:00:27.839+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: C:\Users\Dell\.jenkins fou
2020-08-25 09:00:28.160+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@58cd06cb{Jenkins v2.252./,file:///C:/
LE}{C:\Users\Dell\.jenkins\war}
2020-08-25 09:00:28.221+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@6913c1fb{HTTP/1.1, (http
2020-08-25 09:00:28.225+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started @5322ms
2020-08-25 09:00:28.227+0000 [id=24] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled
2020-08-25 09:00:29.005+0000 [id=30] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization
2020-08-25 09:00:30.034+0000 [id=29] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins
2020-08-25 09:00:45.255+0000 [id=33] INFO jenkins.InitReactorRunner$1#onAttained: Prepared all plugins
2020-08-25 09:00:45.286+0000 [id=29] INFO jenkins.InitReactorRunner$1#onAttained: Started all plugins
2020-08-25 09:00:49.278+0000 [id=32] INFO jenkins.InitReactorRunner$1#onAttained: Augmented all extensions
2020-08-25 09:00:49.386+0000 [id=31] INFO jenkins.InitReactorRunner$1#onAttained: System config loaded
2020-08-25 09:00:49.391+0000 [id=31] INFO jenkins.InitReactorRunner$1#onAttained: System config adapted
2020-08-25 09:00:49.993+0000 [id=36] INFO jenkins.InitReactorRunner$1#onAttained: Loaded all jobs
2020-08-25 09:00:49.995+0000 [id=33] INFO jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated
2020-08-25 09:00:50.080+0000 [id=50] INFO hudson.model.AsyncPeriodicWork#lambda$doRun$0: Started Download metadata
2020-08-25 09:00:50.183+0000 [id=50] INFO hudson.model.AsyncPeriodicWork#lambda$doRun$0: Finished Download metadata. 62 ms
2020-08-25 09:00:50.981+0000 [id=29] INFO o.s.c.s.AbstractApplicationContext#prepareRefresh: Refreshing org.springframework.web.co
onContext@234b5980: display name [Root WebApplicationContext]; startup date [Tue Aug 25 14:30:50 IST 2020]; root of context hierarchy
2020-08-25 09:00:50.982+0000 [id=29] INFO o.s.c.s.AbstractApplicationContext#obtainFreshBeanFactory: Bean factory for applicatio
.context.support.StaticWebApplicationContext@234b5980: org.springframework.beans.factory.support.DefaultListableBeanFactory@2cf61415
2020-08-25 09:00:51.010+0000 [id=29] INFO o.s.b.f.s.DefaultListableBeanFactory#preInstantiateSingletons: Pre-instantiating singlet
```

STEP-5

**After running the command go to chrome and type: —
localhost:8080**





- This will Open your login page

- After Logging Your Dashboard will be visible

