

Web Project Using Maven:

Steps:

1. Go to <https://start.spring.io/>
2. Change Group as “com.cognizant”
3. Change Artifact Id as “spring-learn”
4. Select Spring Boot DevTools and Spring Web
5. Create and download the project as zip
6. Extract the zip in root folder to Eclipse Workspace
7. Build the project using ‘mvn clean package
-Dhttp.proxyHost=proxy.cognizant.com -Dhttp.proxyPort=6050
-Dhttps.proxyHost=proxy.cognizant.com -Dhttps.proxyPort=6050
-Dhttp.proxyUser=123456’ command in command line
8. Import the project in Eclipse "File > Import > Maven > Existing Maven Projects > Click Browse and select extracted folder > Finish"
9. Include logs to verify if main() method of SpringLearnApplication.
10. Run the SpringLearnApplication class.

Output:

```
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 8.489 s -- in com.cognizant.spring_learn.SpringLearnApplicationTests
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- jar:3.4.2:jar (default-jar) @ spring-learn ---
[INFO] Building jar: C:\Users\MANAN BHUTIANI\Documents\JAVA FSE COGNI\spring-learn\target\spring-learn-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- spring-boot:3.5.3:repackage (repackage) @ spring-learn ---
[INFO] Replacing main artifact C:\Users\MANAN BHUTIANI\Documents\JAVA FSE COGNI\spring-learn\target\spring-learn-0.0.1-SNAPSHOT.jar with repackaged a
rchive, adding nested dependencies in BOOT-INF/.
[INFO] The original artifact has been renamed to C:\Users\MANAN BHUTIANI\Documents\JAVA FSE COGNI\spring-learn\target\spring-learn-0.0.1-SNAPSHOT.jar
.original
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 23.947 s
[INFO] Finished at: 2025-07-11T06:22:19+05:30
[INFO] -----
```

```
[INFO] --- resources:3.3.1:testResources (default-testResources) @ spring-learn ---
[INFO] skip non existing resourceDirectory C:\Users\WANAN BHUTIANI\Documents\JAVA FSE COGNI\spring_learn\src\test\resources
[INFO]
[INFO] --- compiler:3.14.0:testCompile (default-testCompile) @ spring-learn ---
\\ \_ _ _ _ _ O _ _ _ _ _ \\ \ \ \ \
(( )) _ _ _ _ _ V _ _ _ _ _ \\ \ \ \ \
' _ _ _ _ _ D I R T Y _ _ _ _ _ \\ \ \ \ \
=====|=====|=====////

:: Spring Boot ::                (v3.5.3)

2025-07-11T06:24:02.259+05:30 INFO 18192 --- [spring-learn] [ restartedMain] c.c.spring.learn.SpringLearnApplication : Starting SpringLearnApplication using Java 24.0.1 with PID 18192 (C:\Users\WANAN BHUTIANI\Documents\JAVA FSE COGNI\spring_learn\target\classes started by MANAN BHUTIANI in C:\Users\WANAN BHUTIANI\Documents\JAVA FSE COGNI\spring_learn)
2025-07-11T06:24:02.262+05:30 INFO 18192 --- [spring-learn] [ restartedMain] c.c.spring.learn.SpringLearnApplication : No active profile set, falling back to 1 default profile: "default"
2025-07-11T06:24:02.367+05:30 INFO 18192 --- [spring-learn] [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : Devtools property defaults active! Set 'spring.devtools.add-properties' to 'false' to disable
2025-07-11T06:24:02.368+05:30 INFO 18192 --- [spring-learn] [ restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : For additional web related logging consider setting the 'logging.level.web' property to 'DEBUG'
2025-07-11T06:24:03.864+05:30 INFO 18192 --- [spring-learn] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2025-07-11T06:24:03.892+05:30 INFO 18192 --- [spring-learn] [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-07-11T06:24:03.894+05:30 INFO 18192 --- [spring-learn] [ restartedMain] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.42]
2025-07-11T06:24:03.973+05:30 INFO 18192 --- [spring-learn] [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2025-07-11T06:24:03.974+05:30 INFO 18192 --- [spring-learn] [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 1604 ms
2025-07-11T06:24:04.535+05:30 INFO 18192 --- [spring-learn] [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
2025-07-11T06:24:04.603+05:30 INFO 18192 --- [spring-learn] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2025-07-11T06:24:04.617+05:30 INFO 18192 --- [spring-learn] [ restartedMain] c.c.spring.learn.SpringLearnApplication : Started SpringLearnApplication in 3.112 seconds (process running for 3.802)
```