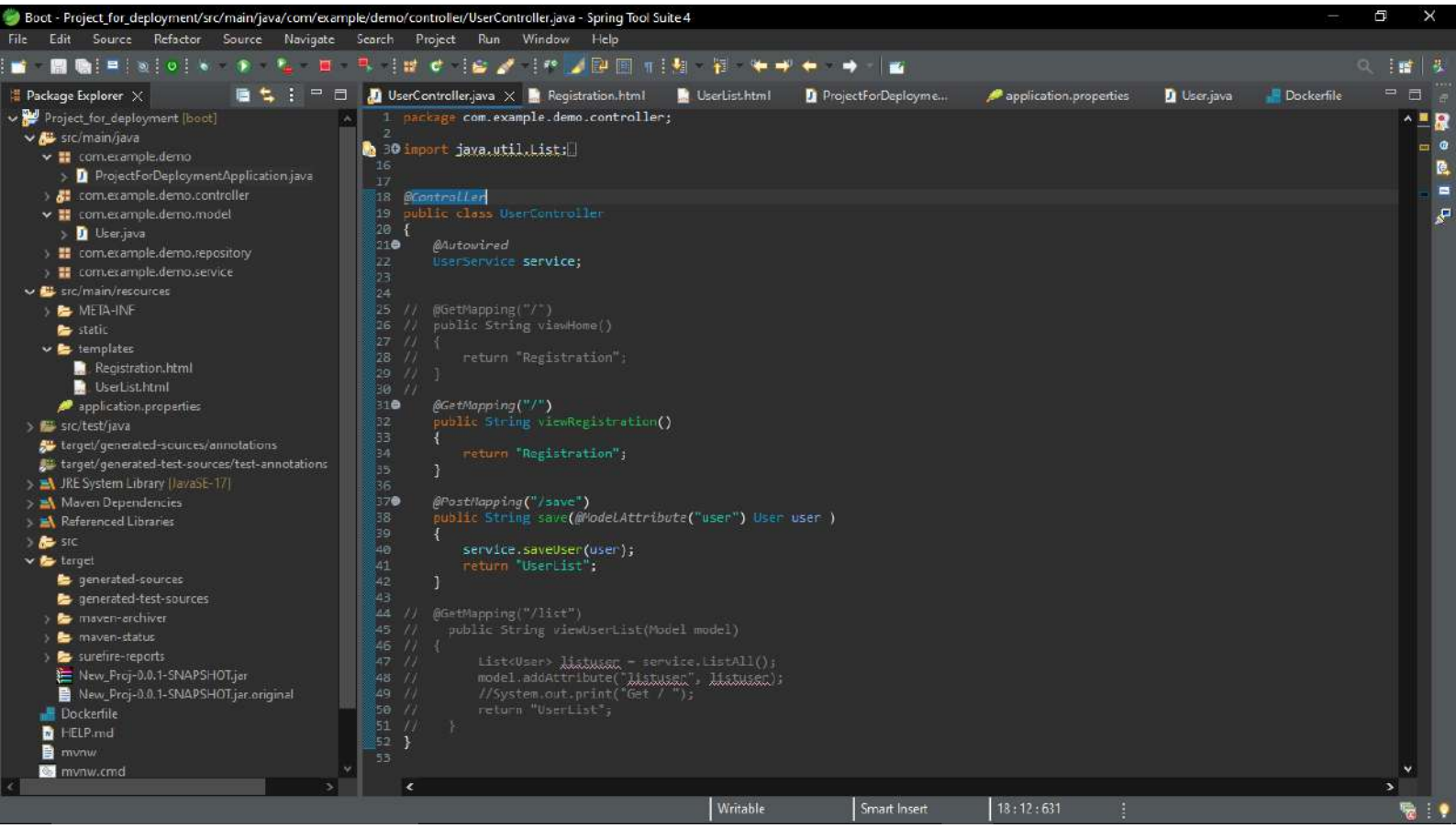
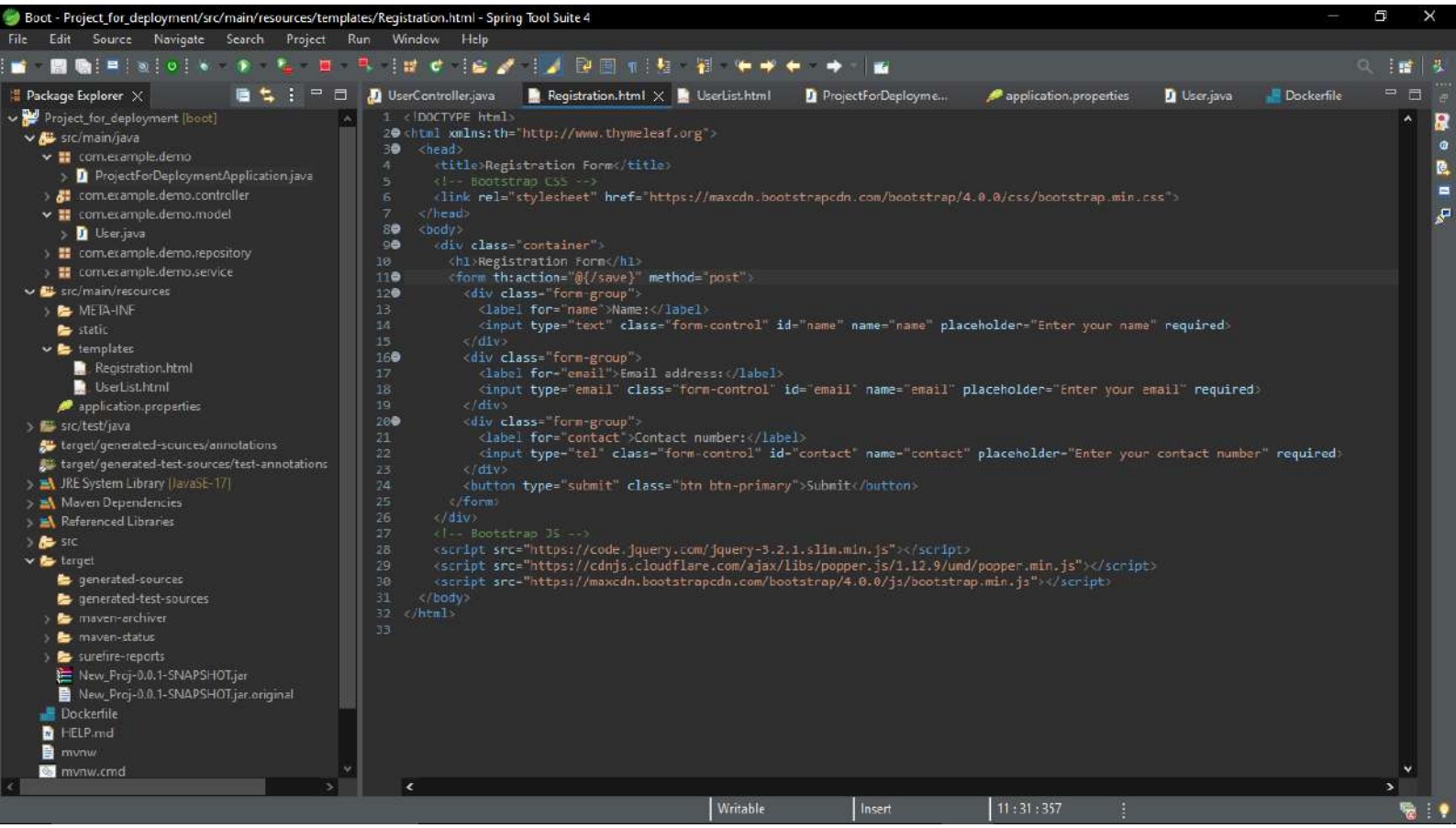
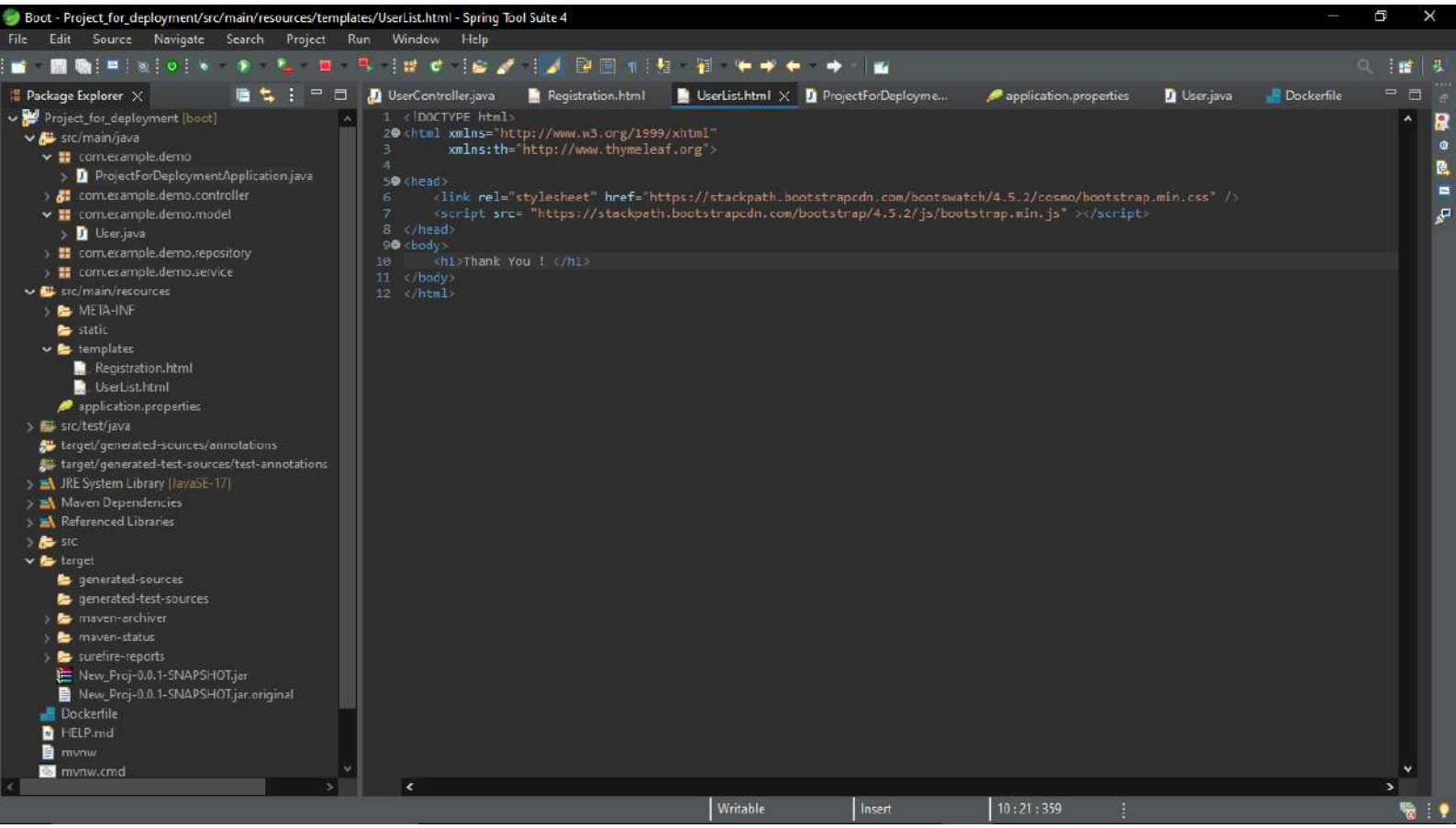

Boot - Project_for_deployment/src/main/java/com/example/demo/controller/UserController.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help
Package Explorer
Project_for_deployment [boot]
src/main/java
com.example.demo
ProjectForDeploymentApplication.java
com.example.demo.controller
com.example.demo.model
User.java
com.example.demo.repository
com.example.demo.service
src/main/resources
META-INF
static
templates
Registration.html
UserList.html
application.properties
src/test/java
target/generated-sources/annotations
target/generated-test-sources/test-annotations
JRE System Library [JavaSE-17]
Maven Dependencies
Referenced Libraries
src
target
generated-sources
generated-test-sources
maven-archiver
maven-status
surefire-reports
New_Proj-0.0.1-SNAPSHOT.jar
New_Proj-0.0.1-SNAPSHOT.jar.original
Dockerfile
HELP.md
mvnw
mvnw.cmd
UserController.java
Registration.html
UserList.html
ProjectForDeployme...
application.properties
User.java
Dockerfile
1 package com.example.demo.controller;
2
3 import java.util.List;
16
17
18 @Controller
19 public class UserController
20 {
21 @Autowired
22 UserService service;
23
24
25 // @GetMapping("/")
26 // public String viewHome()
27 // {
28 // return "Registration";
29 // }
30 //
31 @GetMapping("/")
32 public String viewRegistration()
33 {
34 return "Registration";
35 }
36
37 @PostMapping("/save")
38 public String save(@ModelAttribute("user") User user)
39 {
40 service.saveUser(user);
41 return "UserList";
42 }
43
44 // @GetMapping("/list")
45 // public String viewUserList(Model model)
46 // {
47 // List<User> listuser = service.ListAll();
48 // model.addAttribute("listuser", listuser);
49 // //System.out.print("Get / ");
50 // return "UserList";
51 // }
52 }
53
Writable
Smart Insert
18 : 12 : 631


Boot - Project_for_deployment/src/main/resources/templates/Registration.html - Spring Tool Suite 4
File Edit Source Navigate Search Project Run Window Help
Package Explorer
Project_for_deployment [boot]
src/main/java
com.example.demo
ProjectForDeploymentApplication.java
com.example.demo.controller
com.example.demo.model
User.java
com.example.demo.repository
com.example.demo.service
src/main/resources
META-INF
static
templates
Registration.html
UserList.html
application.properties
src/test/java
target/generated-sources/annotations
target/generated-test-sources/test-annotations
JRE System Library [JavaSE-17]
Maven Dependencies
Referenced Libraries
src
target
generated-sources
generated-test-sources
maven-archiver
maven-status
surefire-reports
New_Proj-0.0.1-SNAPSHOT.jar
New_Proj-0.0.1-SNAPSHOT.jar.original
Dockerfile
HELP.md
mvnw
mvnw.cmd
UserController.java
Registration.html
UserList.html
ProjectForDeployme...
application.properties
User.java
Dockerfile
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3 <head>
4 <title>Registration Form</title>
5 <!-- Bootstrap CSS -->
6 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
7 </head>
8 <body>
9
10 <h1>Registration Form</h1>
11 <form th:action="@{/save}" method="post">
12
13 <label for="name">Name:</label>
14 <input type="text" class="form-control" id="name" name="name" placeholder="Enter your name" required>
15
16
17 <label for="email">Email address:</label>
18 <input type="email" class="form-control" id="email" name="email" placeholder="Enter your email" required>
19
20
21 <label for="contact">Contact number:</label>
22 <input type="tel" class="form-control" id="contact" name="contact" placeholder="Enter your contact number" required>
23
24 <button type="submit" class="btn btn-primary">Submit</button>
25 </form>
26
27 <!-- Bootstrap JS -->
28 <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"></script>
29 <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>
30 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
31 </body>
32 </html>
33
Writable
Insert
11 : 31 : 357


Boot - Project_for_deployment/src/main/resources/templates/UserList.html - Spring Tool Suite 4
File Edit Source Navigate Search Project Run Window Help
Package Explorer
Project_for_deployment [boot]
src/main/java
com.example.demo
ProjectForDeploymentApplication.java
com.example.demo.controller
com.example.demo.model
User.java
com.example.demo.repository
com.example.demo.service
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static
templates
Registration.html
UserList.html
application.properties
src/test/java
target/generated-sources/annotations
target/generated-test-sources/test-annotations
JRE System Library [JavaSE-17]
Maven Dependencies
Referenced Libraries
src
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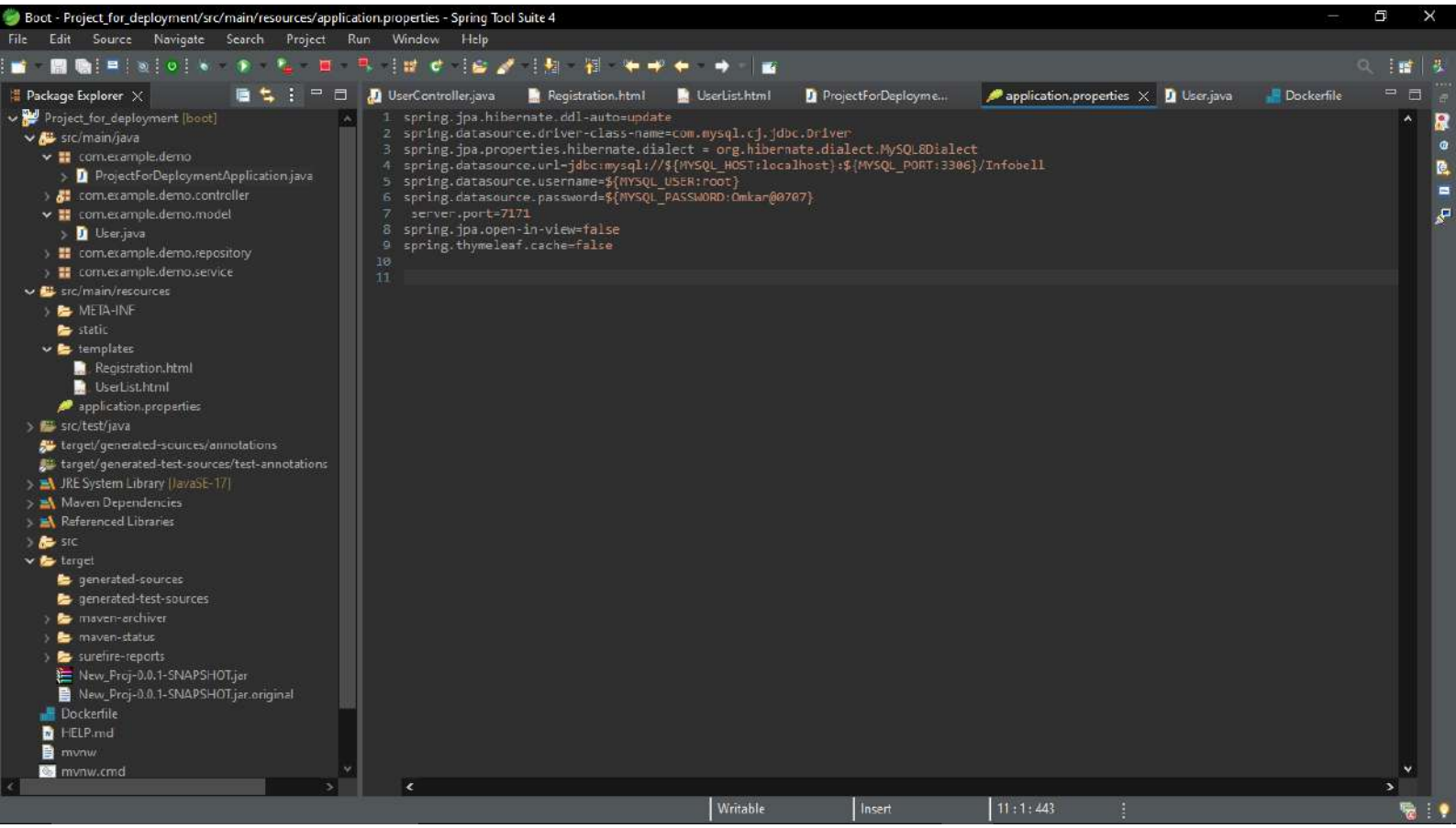
generated-sources
generated-test-sources
maven-archiver
maven-status
surefire-reports
New_Proj-0.0.1-SNAPSHOT.jar
New_Proj-0.0.1-SNAPSHOT.jar.original
Dockerfile
HELP.md
mvnw
mvnw.cmd
UserController.java
Registration.html
UserList.html
ProjectForDeployme...
application.properties
User.java
Dockerfile
1 <!DOCTYPE html>
2 <html xmlns="http://www.w3.org/1999/xhtml"
3 xmlns:th="http://www.thymeleaf.org">
4
5 <head>
6 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootswatch/4.5.2/cosmo/bootstrap.min.css" />
7 <script src= "https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js" ></script>
8 </head>
9 <body>
10 <h1>Thank You ! </h1>
11 </body>
12 </html>
Writable
Insert
10 : 21 : 359


Boot - Project_for_deployment/src/main/resources/application.properties - Spring Tool Suite 4
File Edit Source Navigate Search Project Run Window Help
Package Explorer
Project_for_deployment [boot]
src/main/java
com.example.demo
ProjectForDeploymentApplication.java
com.example.demo.controller
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application.properties
src/test/java
target/generated-sources/annotations
target/generated-test-sources/test-annotations
JRE System Library [JavaSE-17]
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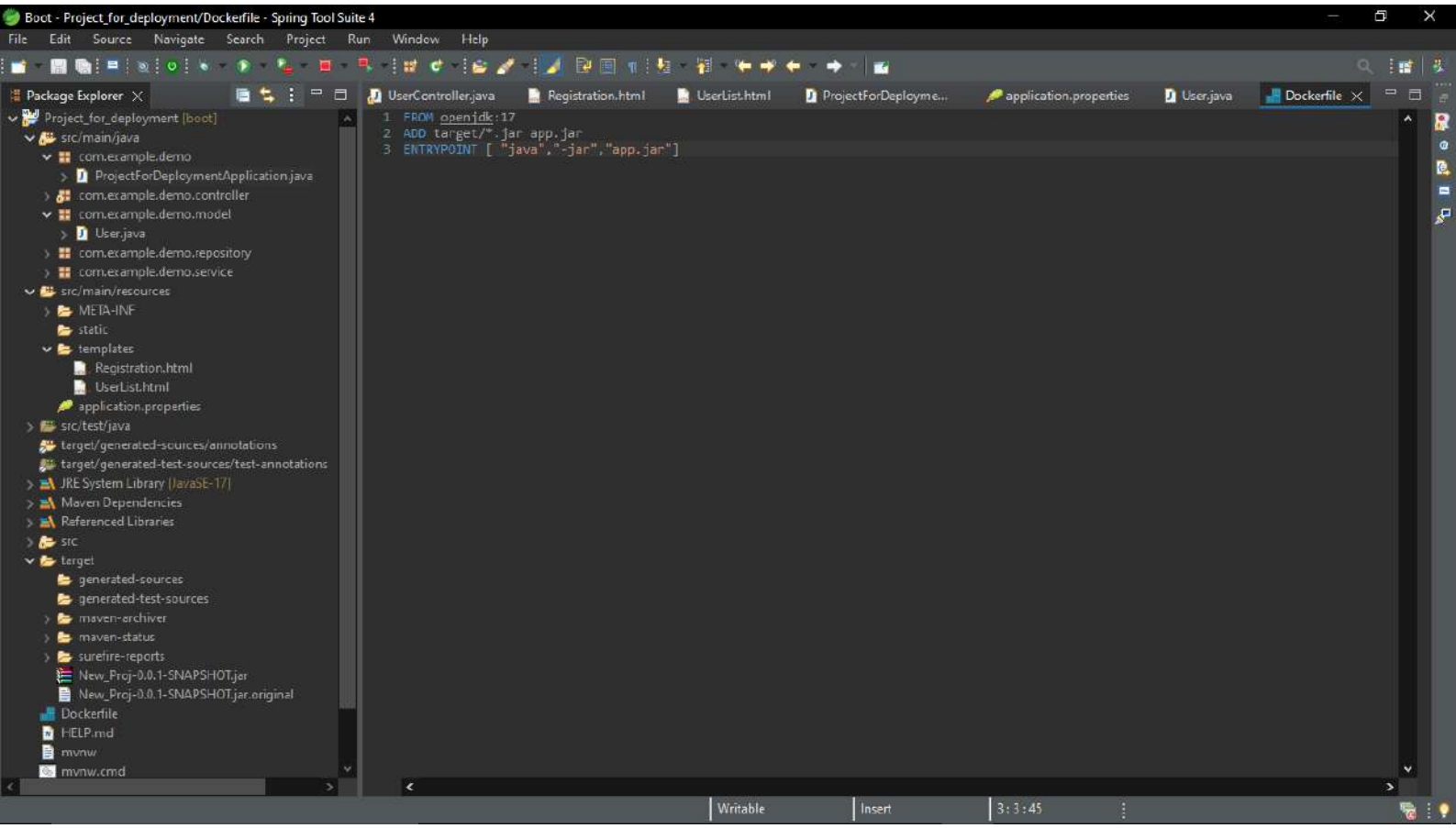
maven-status
surefire-reports
New_Proj-0.0.1-SNAPSHOT.jar
New_Proj-0.0.1-SNAPSHOT.jar.original
Dockerfile
HELP.md
mvnw
mvnw.cmd
UserController.java
Registration.html
UserList.html
ProjectForDeployme...
application.properties
User.java
Dockerfile
1 spring.jpa.hibernate.ddl-auto=update
2 spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
3 spring.jpa.properties.hibernate.dialect = org.hibernate.dialect.MySQL8Dialect
4 spring.datasource.url=jdbc:mysql://${MYSQL_HOST:localhost}:${MYSQL_PORT:3306}/Infobell
5 spring.datasource.username=${MYSQL_USER:root}
6 spring.datasource.password=${MYSQL_PASSWORD:Omkar@0707}
7 server.port=7171
8 spring.jpa.open-in-view=false
9 spring.thymeleaf.cache=false
10
11
Writable
Insert
11 : 1 : 443


Boot - Project_for_deployment/Dockerfile - Spring Tool Suite 4
File Edit Source Navigate Search Project Run Window Help
Package Explorer
Project_for_deployment [boot]
src/main/java
com.example.demo
ProjectForDeploymentApplication.java
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com.example.demo.model
User.java
com.example.demo.repository
com.example.demo.service
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META-INF
static
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UserList.html
application.properties
src/test/java
target/generated-sources/annotations
target/generated-test-sources/test-annotations
JRE System Library [JavaSE-17]
Maven Dependencies
Referenced Libraries
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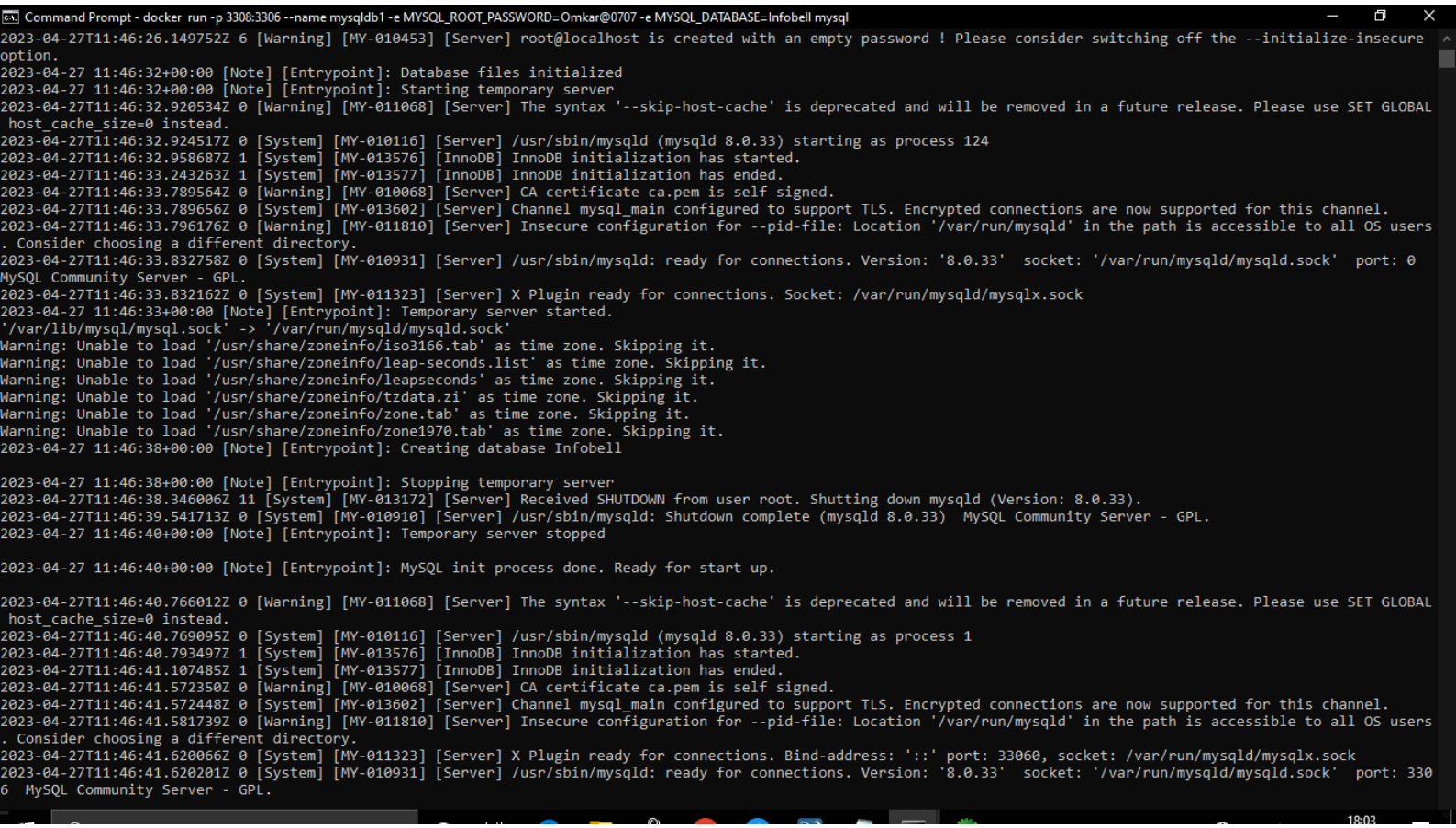
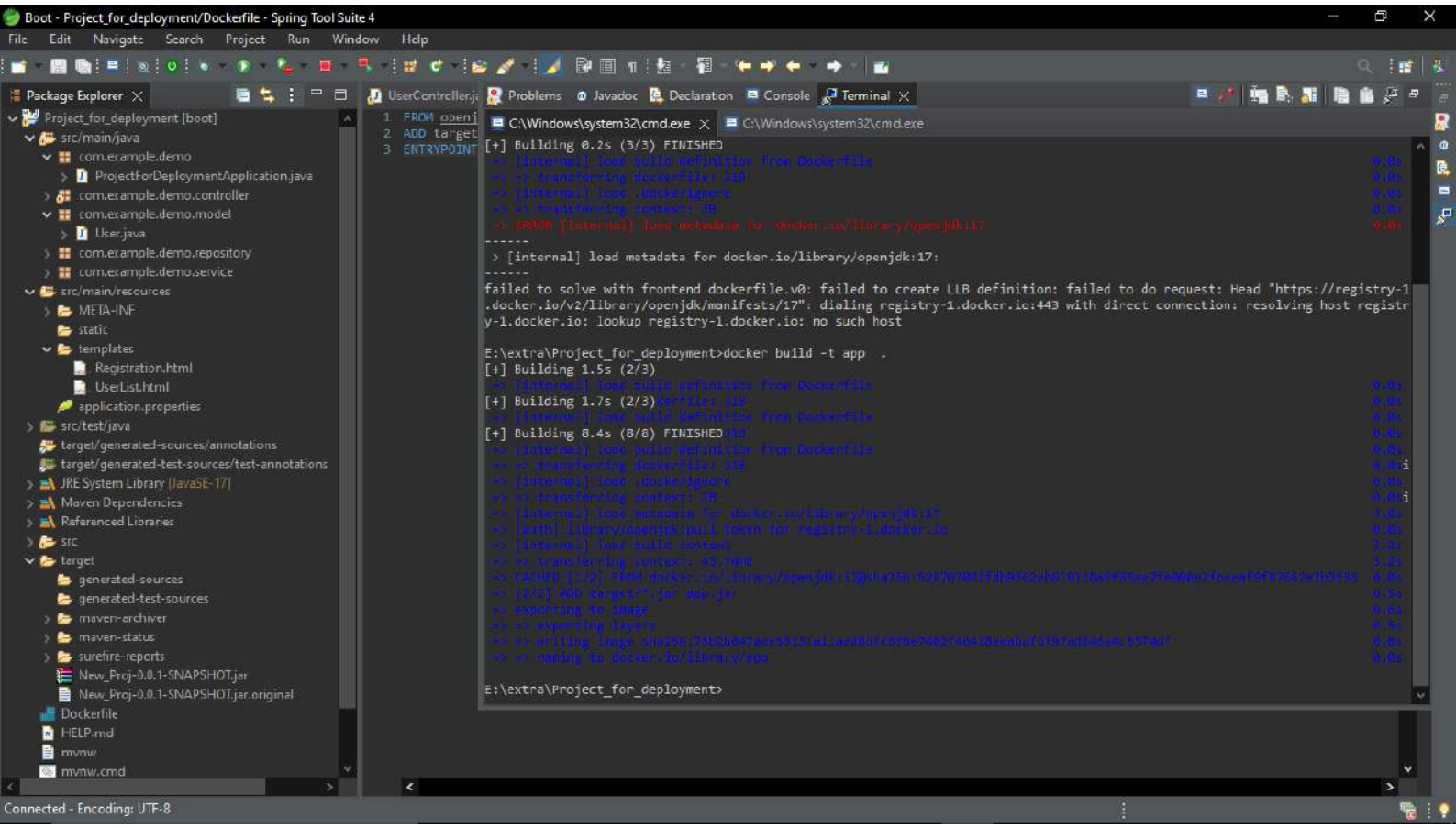
target
generated-sources
generated-test-sources
maven-archiver
maven-status
surefire-reports
New_Proj-0.0.1-SNAPSHOT.jar
New_Proj-0.0.1-SNAPSHOT.jar.original
Dockerfile
HELP.md
mvnw
mvnw.cmd
UserController.java
Registration.html
UserList.html
ProjectForDeployme...
application.properties
User.java
Dockerfile
1 FROM openjdk:17
2 ADD target/*.jar app.jar
3 ENTRYPOINT ["java","-jar","app.jar"]
Writable
Insert
3 : 3 : 45


Command Prompt - docker run -p 3308:3306 --name mysqldb1 -e MYSQL_ROOT_PASSWORD=Omkar@0707 -e MYSQL_DATABASE=Infobell mysql
2023-04-27T11:46:26.149752Z 6 [Warning] [MY-010453] [Server] root@localhost is created with an empty password ! Please consider switching off the --initialize-insecure option.
2023-04-27 11:46:32+00:00 [Note] [Entrypoint]: Database files initialized
2023-04-27 11:46:32+00:00 [Note] [Entrypoint]: Starting temporary server
2023-04-27T11:46:32.920534Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cache' is deprecated and will be removed in a future release. Please use SET GLOBAL host_cache_size=0 instead.
2023-04-27T11:46:32.924517Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.33) starting as process 124
2023-04-27T11:46:32.958687Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2023-04-27T11:46:33.243263Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2023-04-27T11:46:33.789564Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2023-04-27T11:46:33.789656Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2023-04-27T11:46:33.796176Z 0 [Warning] [MY-011810] [Server] Insecure configuration for --pid-file: Location '/var/run/mysqld' in the path is accessible to all OS users. Consider choosing a different directory.
2023-04-27T11:46:33.832758Z 0 [System] [MY-010931] [Server] /usr/sbin/mysqld: ready for connections. Version: '8.0.33' socket: '/var/run/mysqld/mysqld.sock' port: 0 MySQL Community Server - GPL.
2023-04-27T11:46:33.832162Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Socket: /var/run/mysqld/mysqlx.sock
2023-04-27 11:46:33+00:00 [Note] [Entrypoint]: Temporary server started.
'/var/lib/mysql/mysql.sock' -> '/var/run/mysqld/mysqld.sock'
Warning: Unable to load '/usr/share/zoneinfo/iso3166.tab' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/leap-seconds.list' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/leapseconds' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/tzdata.zi' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/zone.tab' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/zone1970.tab' as time zone. Skipping it.
2023-04-27 11:46:38+00:00 [Note] [Entrypoint]: Creating database Infobell
2023-04-27 11:46:38+00:00 [Note] [Entrypoint]: Stopping temporary server
2023-04-27T11:46:38.346006Z 11 [System] [MY-013172] [Server] Received SHUTDOWN from user root. Shutting down mysqld (Version: 8.0.33).
2023-04-27T11:46:39.541713Z 0 [System] [MY-010910] [Server] /usr/sbin/mysqld: Shutdown complete (mysqld 8.0.33) MySQL Community Server - GPL.
2023-04-27 11:46:40+00:00 [Note] [Entrypoint]: Temporary server stopped
2023-04-27 11:46:40+00:00 [Note] [Entrypoint]: MySQL init process done. Ready for start up.
2023-04-27T11:46:40.766012Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cache' is deprecated and will be removed in a future release. Please use SET GLOBAL host_cache_size=0 instead.
2023-04-27T11:46:40.769095Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.33) starting as process 1
2023-04-27T11:46:40.793497Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2023-04-27T11:46:41.107485Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2023-04-27T11:46:41.572350Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2023-04-27T11:46:41.572448Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2023-04-27T11:46:41.581739Z 0 [Warning] [MY-011810] [Server] Insecure configuration for --pid-file: Location '/var/run/mysqld' in the path is accessible to all OS users. Consider choosing a different directory.
2023-04-27T11:46:41.620066Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Bind-address: '::' port: 33060, socket: /var/run/mysqld/mysqlx.sock
2023-04-27T11:46:41.620201Z 0 [System] [MY-010931] [Server] /usr/sbin/mysqld: ready for connections. Version: '8.0.33' socket: '/var/run/mysqld/mysqld.sock' port: 3306 MySQL Community Server - GPL.


Boot - Project_for_deployment/Dockerfile - Spring Tool Suite 4
File Edit Navigate Search Project Run Window Help
Package Explorer
Project_for_deployment [boot]
src/main/java
com.example.demo
ProjectForDeploymentApplication.java
com.example.demo.controller
com.example.demo.model
User.java
com.example.demo.repository
com.example.demo.service
src/main/resources
META-INF
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templates
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UserList.html
application.properties
src/test/java
target/generated-sources/annotations
target/generated-test-sources/test-annotations
JRE System Library [JavaSE-17]
Maven Dependencies
Referenced Libraries
src
target
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generated-test-sources
maven-archiver
maven-status
surefire-reports
New_Proj-0.0.1-SNAPSHOT.jar
New_Proj-0.0.1-SNAPSHOT.jar.original
Dockerfile
HELP.md
mvnw
mvnw.cmd
UserController.j
1 FROM openj
2 ADD target
3 ENTRYPOINT
Problems Javadoc Declaration Console Terminal
C:\Windows\system32\cmd.exe
C:\Windows\system32\cmd.exe
[+] Building 0.2s (3/3) FINISHED
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 118 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> ERROR [internal] load metadata for docker.io/library/openjdk:17 0.0s
------
> [internal] load metadata for docker.io/library/openjdk:17:
------
failed to solve with frontend dockerfile.v0: failed to create LLB definition: failed to do request: Head "https://registry-1.docker.io/v2/library/openjdk/manifests/17": dialing registry-1.docker.io:443 with direct connection: resolving host registry-1.docker.io: lookup registry-1.docker.io: no such host
E:\extra\Project_for_deployment>docker build -t app .
[+] Building 1.5s (2/3)
=> [internal] load build definition from Dockerfile 0.0s
[+] Building 1.7s (2/3)
=> [internal] load build definition from Dockerfile 0.0s
[+] Building 8.4s (8/8) FINISHED
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 118 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/openjdk:17 3.0s
=> [auth] library/openjdk:pull token for registry-1.docker.io 0.0s
=> [internal] load build context 2.2s
=> => transferring context: 45.74MB 2.2s
=> CACHED [1/2] FROM docker.io/library/openjdk:17@sha256:5287670981fdb9562cb6101bb5f45ae75e00de24baaef9f87662e7b5935 0.0s
=> [2/2] ADD target/*.jar app.jar 0.5s
=> exporting to image 0.6s
=> => exporting layers 0.5s
=> => writing image sha256:79b2b647aee5913ad1ae28bffc525e7402f46418eeebef6f87ad846a4c1574d7 0.0s
=> => naming to docker.io/library/app 0.0s
E:\extra\Project_for_deployment>
Connected - Encoding: UTF-8

Command Prompt - docker run -p 7070:7171 --name demoapp --net app-net -e MYSQL_HOST=mysqldb1 -e MYSQL_USER=root -e MYSQL_PASSWORD=Omkar@0707 -e MYSQL_PORT=3306 app

```
    }
]

C:\Users\User>docker run -p 9090:8080 --name demo --net spring-net-final -e MYSQL_HOST=mysqldb -e MYSQL_USER=root -e MYSQL_PASSWORD=Omkar@0707 -e MYSQL_PORT=3306 spring
-demo-image
^C
C:\Users\User>docker run -p 7070:7171 --name demoapp --net app-net -e MYSQL_HOST=mysqldb1 -e MYSQL_USER=root -e MYSQL_PASSWORD=Omkar@0707 -e MYSQL_PORT=3306 app

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 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::                (v3.0.6)

2023-04-27T12:31:57.688Z  INFO 1 --- [           main] c.e.d.ProjectForDeploymentApplication    : Starting ProjectForDeploymentApplication v0.0.1-SNAPSHOT using Java 17
.0.2 with PID 1 (/app.jar started by root in /)
2023-04-27T12:31:57.691Z  INFO 1 --- [           main] c.e.d.ProjectForDeploymentApplication    : No active profile set, falling back to 1 default profile: "default"
2023-04-27T12:31:58.882Z  INFO 1 --- [           main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2023-04-27T12:31:58.987Z  INFO 1 --- [           main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 89 ms. Found 1 JPA reposit
ory interfaces.
2023-04-27T12:32:00.157Z  INFO 1 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port(s): 7171 (http)
2023-04-27T12:32:00.186Z  INFO 1 --- [           main] o.apache.catalina.core.StandardService   : Starting service [Tomcat]
2023-04-27T12:32:00.186Z  INFO 1 --- [           main] o.apache.catalina.core.StandardEngine    : Starting Servlet engine: [Apache Tomcat/10.1.8]
2023-04-27T12:32:00.359Z  INFO 1 --- [           main] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded WebApplicationContext
2023-04-27T12:32:00.365Z  INFO 1 --- [           main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2607 ms
2023-04-27T12:32:00.685Z  INFO 1 --- [           main] o.hibernate.jpa.internal.util.LogHelper  : HHH000204: Processing PersistenceUnitInfo [name: default]
2023-04-27T12:32:00.796Z  INFO 1 --- [           main] org.hibernate.Version                    : HHH000412: Hibernate ORM core version 6.1.7.Final
2023-04-27T12:32:01.339Z  INFO 1 --- [           main] com.zaxxer.hikari.HikariDataSource       : HikariPool-1 - Starting...
2023-04-27T12:32:01.955Z  INFO 1 --- [           main] com.zaxxer.hikari.pool.HikariPool        : HikariPool-1 - Added connection com.mysql.cj.jdbc.ConnectionImpl@aed01
51
2023-04-27T12:32:01.958Z  INFO 1 --- [           main] com.zaxxer.hikari.HikariDataSource       : HikariPool-1 - Start completed.
2023-04-27T12:32:01.975Z  INFO 1 --- [           main] SQL dialect                              : HHH000400: Using dialect: org.hibernate.dialect.MySQL8Dialect
2023-04-27T12:32:01.976Z  WARN 1 --- [           main] org.hibernate.orm.deprecation            : HHH90000026: MySQL8Dialect has been deprecated; use org.hibernate.dial
ect.MySQLDialect instead
2023-04-27T12:32:02.625Z  INFO 1 --- [           main] o.h.e.t.j.p.i.JtaPlatformInitiator       : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.tra
nsaction.jta.platform.internal.NoJtaPlatform]
2023-04-27T12:32:02.643Z  INFO 1 --- [           main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2023-04-27T12:32:03.870Z  INFO 1 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port(s): 7171 (http) with context path ''
2023-04-27T12:32:03.911Z  INFO 1 --- [           main] c.e.d.ProjectForDeploymentApplication    : Started ProjectForDeploymentApplication in 6.674 seconds (process runn
ing for 7.399)
2023-04-27T12:32:10.841Z  INFO 1 --- [nio-7171-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-04-27T12:32:10.842Z  INFO 1 --- [nio-7171-exec-1] o.s.web.servlet.DispatcherServlet        : Initializing Servlet 'dispatcherServlet'
2023-04-27T12:32:10.845Z  INFO 1 --- [nio-7171-exec-1] o.s.web.servlet.DispatcherServlet        : Completed initialization in 3 ms
```

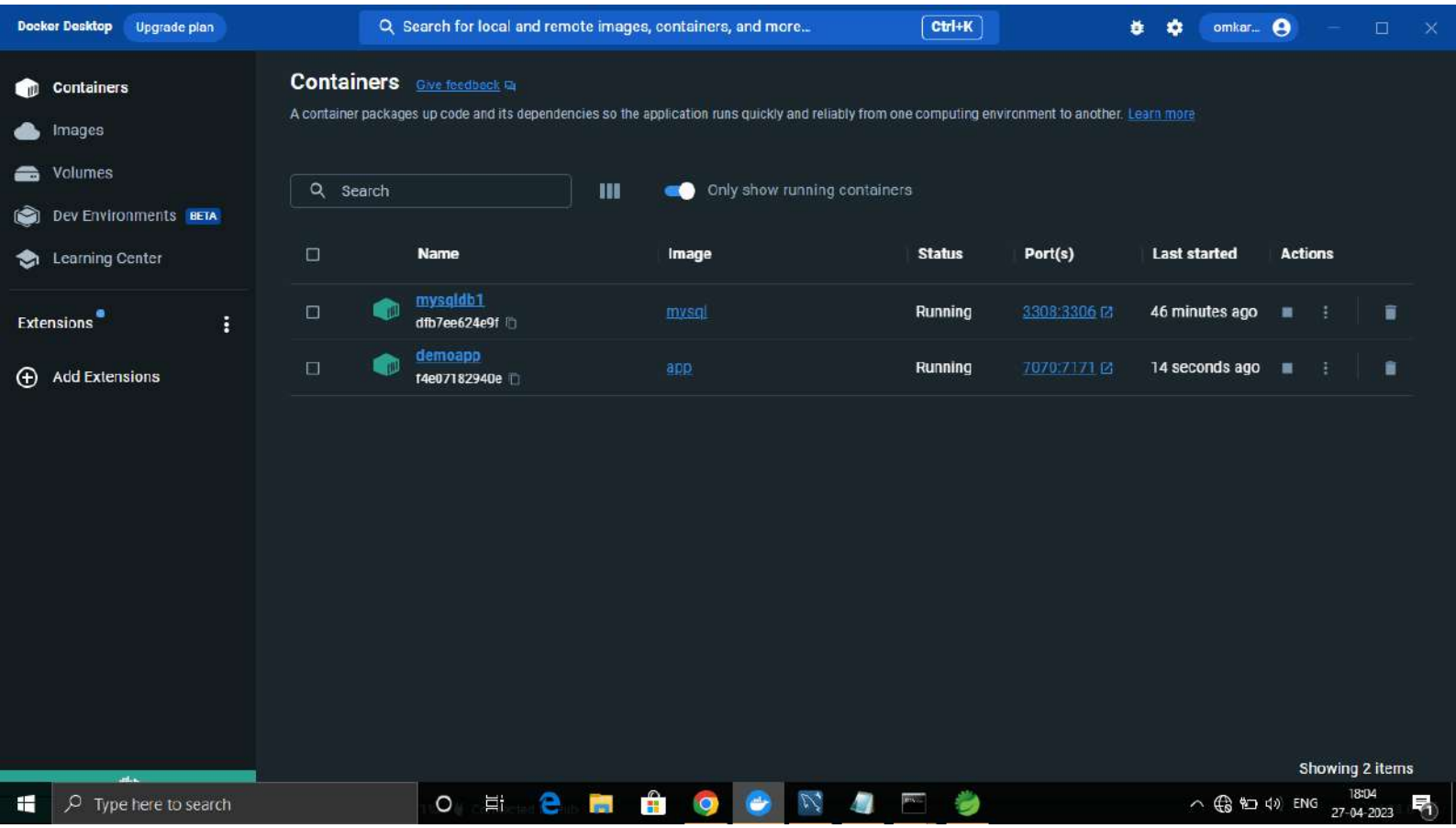
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mysql
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demoapp
f4e07182940e
app
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7070:7171
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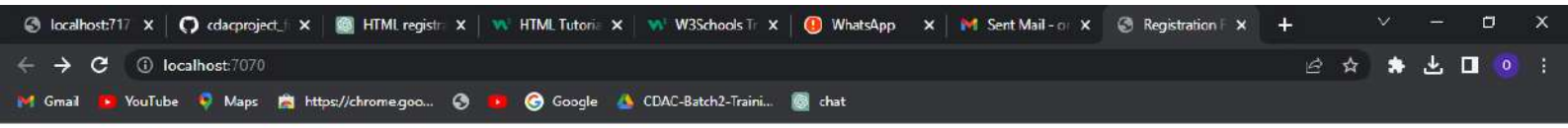


Registration Form

Name:

Omkar

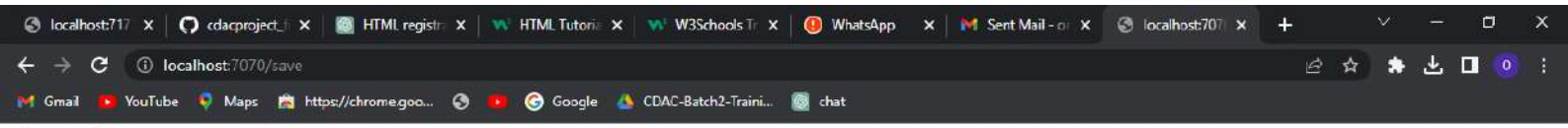
Email address:

omkarpatil@gmail.com

Contact number:

8767627575

Submit



Thank You !