

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Varun> docker rm -f mysqldb
mysqldb
PS C:\Users\Varun> docker run -d -p 3307:3306 --name mysqldb -e MYSQL_ROOT_PASSWORD=varun -e MYSQL_DATABASE=demo mysql
ddc25fa3d26559cd4fe4f916dd0c3450784dd9f98a70a6dc289c9ba72a0129d8a7
PS C:\Users\Varun> docker logs mysqldb
2023-04-25 07:00:17+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.33-1.el8 started.
2023-04-25 07:00:18+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'
2023-04-25 07:00:18+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.33-1.el8 started.
2023-04-25 07:00:18+00:00 [Note] [Entrypoint]: Initializing database files
2023-04-25 07:00:18.453443Z 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.
2023-04-25 07:00:18.453520Z 0 [System] [MY-013169] [Server] /usr/sbin/mysqld (mysqld 8.0.33) initializing of server in progress as process 80
2023-04-25 07:00:18.466453Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2023-04-25 07:00:19.064452Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2023-04-25 07:00:20.762331Z 6 [Warning] [MY-010453] [Server] root@localhost is created with an empty password ! Please consider switching off the --initialize-insecure option.
2023-04-25 07:00:25+00:00 [Note] [Entrypoint]: Database files initialized
2023-04-25 07:00:25+00:00 [Note] [Entrypoint]: Starting temporary server
2023-04-25 07:00:25.378644Z 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.
2023-04-25 07:00:25.380470Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.33) starting as process 124
2023-04-25 07:00:25.393925Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2023-04-25 07:00:25.530942Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2023-04-25 07:00:25.825284Z 0 [Warning] [MY-010868] [Server] CA certificate ca.pem is self signed.
2023-04-25 07:00:25.825338Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2023-04-25 07:00:25.830307Z 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.
2023-04-25 07:00:25.840434Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Socket: /var/run/mysqld/mysqld.sock
2023-04-25 07:00:25.847466Z 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.
2023-04-25 07:00:25+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.
2023-04-25 07:00:28+00:00 [Note] [Entrypoint]: Creating database Demo
2023-04-25 07:00:28+00:00 [Note] [Entrypoint]: Stopping temporary server
2023-04-25 07:00:28.807908Z 11 [System] [MY-013172] [Server] Received SHUTDOWN from user root. Shutting down mysqld (Version: 8.0.33).
2023-04-25 07:00:30.611154Z 0 [System] [MY-010910] [Server] /usr/sbin/mysqld: Shutdown complete (mysqld 8.0.33) MySQL Community Server - GPL.
2023-04-25 07:00:30+00:00 [Note] [Entrypoint]: Temporary server stopped
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

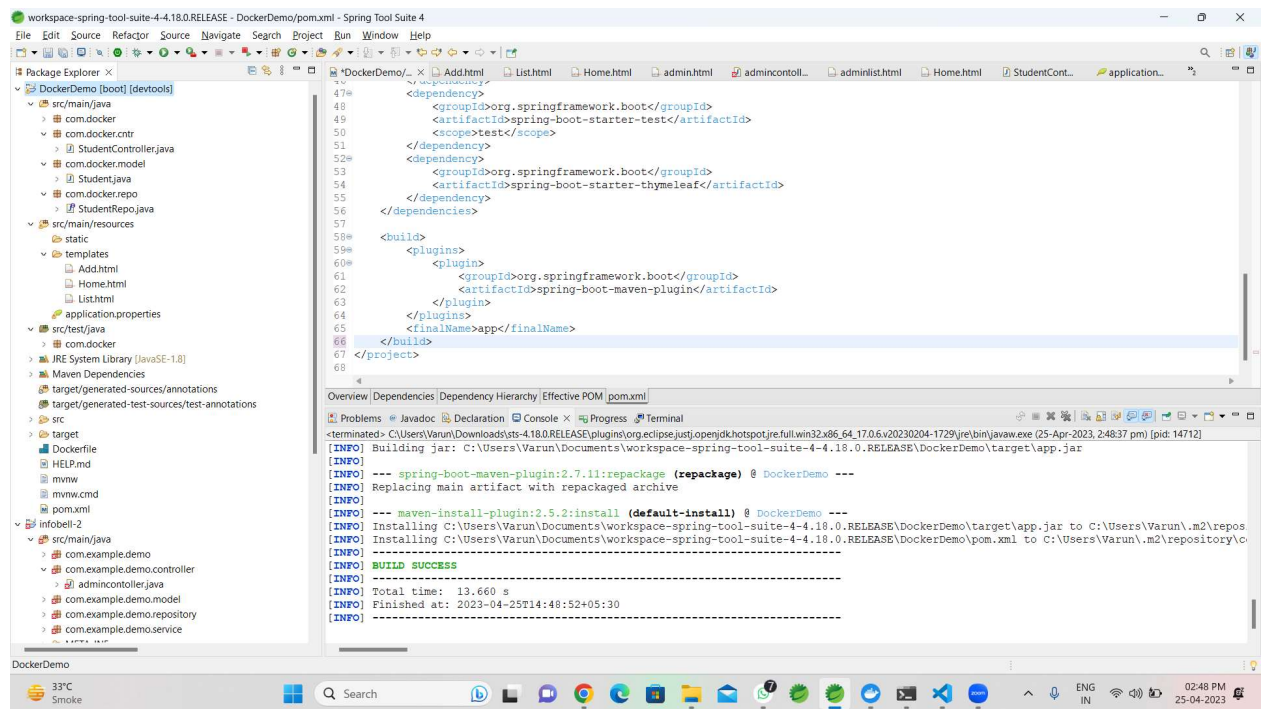
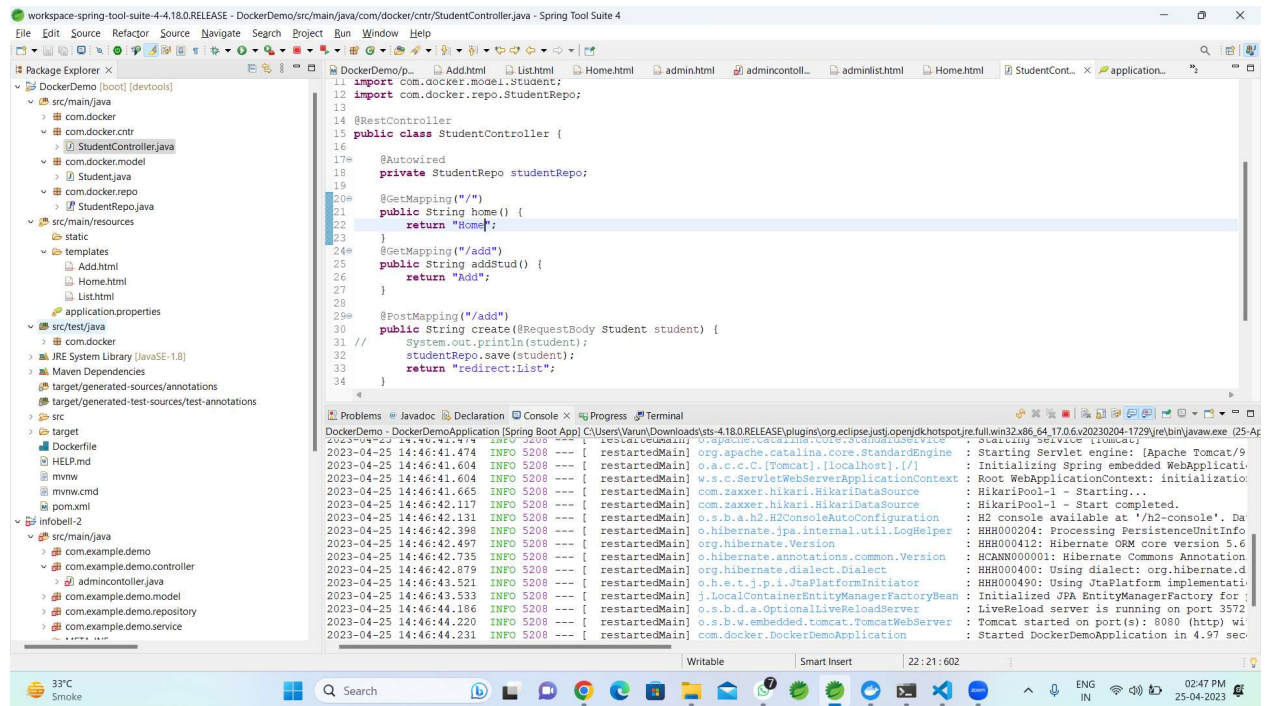
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Varun> docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                    NAMES
ddc25fa3d265   mysql     "docker-entrypoint.s..." About a minute ago Up About a minute   33060/tcp, 0.0.0.0:3307->3306/tcp   mysqldb

PS C:\Users\Varun> docker logs mysqldb
a different directory.
2023-04-25 07:00:25.847434Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Socket: /var/run/mysqld/mysqld.sock
2023-04-25 07:00:25.847466Z 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.
2023-04-25 07:00:25+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.
2023-04-25 07:00:28+00:00 [Note] [Entrypoint]: Creating database Demo
2023-04-25 07:00:28+00:00 [Note] [Entrypoint]: Stopping temporary server
2023-04-25 07:00:28.807908Z 11 [System] [MY-013172] [Server] Received SHUTDOWN from user root. Shutting down mysqld (Version: 8.0.33).
2023-04-25 07:00:30.611154Z 0 [System] [MY-010910] [Server] /usr/sbin/mysqld: Shutdown complete (mysqld 8.0.33) MySQL Community Server - GPL.
2023-04-25 07:00:30+00:00 [Note] [Entrypoint]: Temporary server stopped

2023-04-25 07:00:30+00:00 [Note] [Entrypoint]: MySQL init process done. Ready for start up.

2023-04-25 07:00:31.050797Z 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.
2023-04-25 07:00:31.051934Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.33) starting as process 1
2023-04-25 07:00:31.060955Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2023-04-25 07:00:31.209661Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2023-04-25 07:00:31.457800Z 0 [Warning] [MY-010868] [Server] CA certificate ca.pem is self signed.
2023-04-25 07:00:31.457881Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2023-04-25 07:00:31.463666Z 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.
2023-04-25 07:00:31.486340Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Bind-address: '::' port: 33060, socket: /var/run/mysqld/mysqld.sock
2023-04-25 07:00:31.486373Z 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.
```


```
Windows PowerShell
at com.mysql.cj.jdbc.ConnectionImpl.connectOneTryOnly(ConnectionImpl.java:945) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
at com.mysql.cj.jdbc.ConnectionImpl.createNewIO(ConnectionImpl.java:815) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
... 57 common frames omitted
Caused by: java.net.UnknownHostException: mysqlldb
at java.base/java.net.InetAddress$CachedAddresses.get(InetAddress.java:801) ~[na:na]
at java.base/java.net.InetAddress.getAllByName(InetAddress.java:1509) ~[na:na]
at java.base/java.net.InetAddress.getAllByName(InetAddress.java:1367) ~[na:na]
at java.base/java.net.InetAddress.getAllByName(InetAddress.java:1363) ~[na:na]
at com.mysql.cj.protocol.StandardSocketFactory.connect(StandardSocketFactory.java:130) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
at com.mysql.cj.protocol.NativeSocketConnection.connect(NativeSocketConnection.java:63) ~[mysql-connector-j-8.0.33.jar!/:8.0.33]
... 68 common frames omitted

PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker network

Usage: docker network COMMAND

Manage networks

Commands:
  connect  Connect a container to a network
  create   Create a network
  disconnect Disconnect a container from a network
  inspect  Display detailed information on one or more networks
  ls       List networks
  prune   Remove all unused networks
  rm       Remove one or more networks

Run 'docker network COMMAND --help' for more information on a command.
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker network ls
NETWORK ID     NAME      DRIVER    SCOPE
60a047e2298    bridge    bridge    local
euf2ca97b6a    host      host      local
762fa42c7434    none      null       local

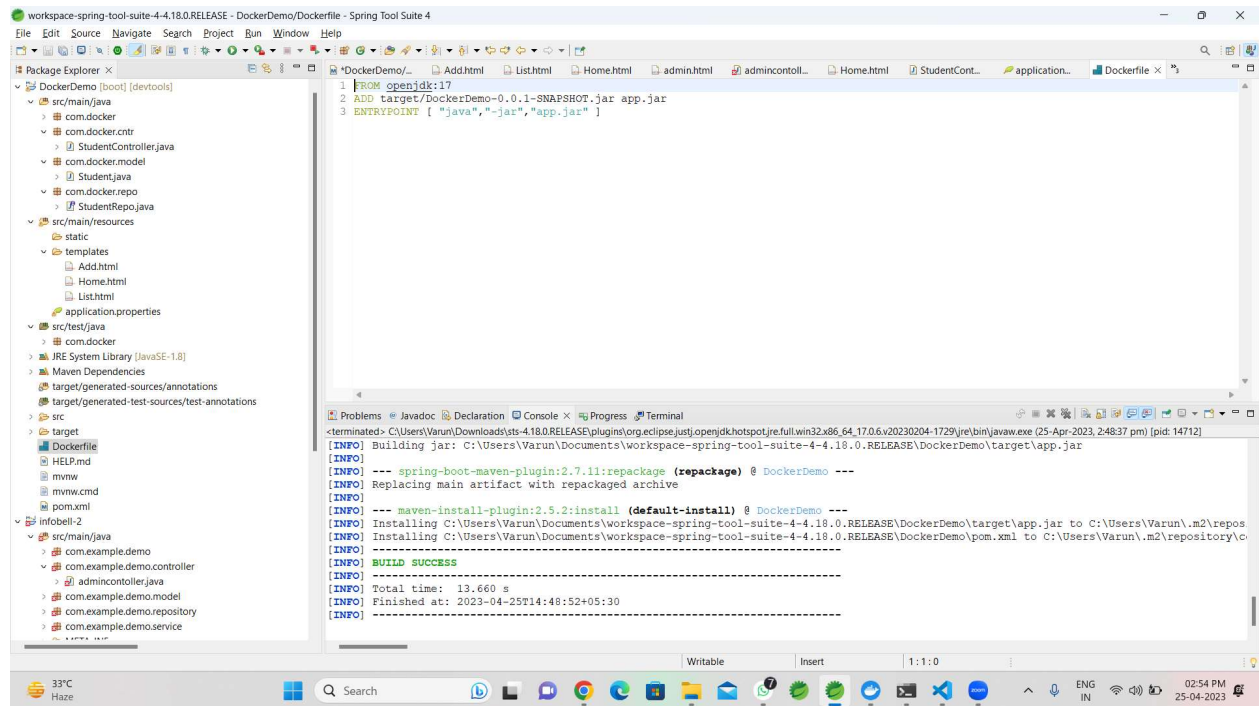
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker network create spring-boot-network
718U5ab3bb8ab2b78a6c736aa74b6d62bb9e0b119762c28599bf3e5eb07
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS          NAMES
b3772d5a846a   mysql     "docker-entrypoint.s..." 14 minutes ago Up 14 minutes 33060/tcp, 0.0.0.0:3307->3306/tcp mysqlldb
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker network connect spring-boot-network mysqlldb
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker container inspect mysqlldb
{
  "Id": "b3772d5a846a3a1eef25d5a3bc6a81bdaff929b475aebf0ef3ec3fee7d6",
  "Created": "2023-04-25T08:15:13.991332Z",
  "Path": "docker-entrypoint.sh",
  "Args": [
    "mysqld"
  ],
  "State": {
    "Status": "running",

```

```
Windows PowerShell
:: Spring Boot ::
(v2.7.11)

2023-04-25 08:15:13.809 INFO 1 --- [main] com.docker.DockerDemoApplication : Starting DockerDemoApplication v0.0.1-SNAPSHOT using Java 17.0.2 on 4b8655a5dd976 with PID 1 (/app.jar started b
y root in /)
2023-04-25 08:15:13.813 INFO 1 --- [main] com.docker.DockerDemoApplication : No active profile set, falling back to 1 default profile: "default"
2023-04-25 08:15:14.979 INFO 1 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2023-04-25 08:15:15.861 INFO 1 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 66 ms. Found 1 JPA repository interfaces.
2023-04-25 08:15:16.072 INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-04-25 08:15:16.094 INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-04-25 08:15:16.095 INFO 1 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.74]
2023-04-25 08:15:16.242 INFO 1 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-04-25 08:15:16.242 INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2314 ms
2023-04-25 08:15:16.571 INFO 1 --- [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2023-04-25 08:15:16.662 INFO 1 --- [main] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.6.15.Final
2023-04-25 08:15:16.936 INFO 1 --- [main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}
2023-04-25 08:15:17.079 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting..
2023-04-25 08:15:17.068 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2023-04-25 08:15:17.981 INFO 1 --- [main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
2023-04-25 08:15:18.999 INFO 1 --- [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatf
orm]
2023-04-25 08:15:18.927 INFO 1 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2023-04-25 08:15:20.031 INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''
2023-04-25 08:15:20.046 INFO 1 --- [main] com.docker.DockerDemoApplication : Started DockerDemoApplication in 7.045 seconds (JVM running for 8.06)
2023-04-25 08:07:56.569 INFO 1 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-04-25 08:07:56.578 INFO 1 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2023-04-25 08:07:56.578 INFO 1 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 8 ms
2023-04-25 09:09:14.892 ERROR 1 --- [nio-8080-exec-6] o.a.c.c.C.[.][.][dispatcherServlet] : Servlet.service() for servlet [dispatcherServlet] threw exception

javax.servlet.ServletException: Circular view path [error]: would dispatch back to the current handler URL [/error] again. Check your ViewResolver setup! (Hint: This may be the result of an unspecified view,
due to default view name generation.)
at org.springframework.web.servlet.view.InternalResourceView.prepareForRendering(InternalResourceView.java:210) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.view.InternalResourceView.renderMergedOutputModel(InternalResourceView.java:148) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.view.AbstractView.render(AbstractView.java:316) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.DispatcherServlet.render(DispatcherServlet.java:1486) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.DispatcherServlet.processDispatchResult(DispatcherServlet.java:1150) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:1089) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:965) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:1066) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:1000) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at javax.servlet.http.HttpServlet.service(HttpServlet.java:520) ~[tomcat-embed-core-9.0.74.jar!/:na]
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:883) ~[spring-webmvc-5.3.27.jar!/:5.3.27]
at javax.servlet.http.HttpServlet.service(HttpServlet.java:623) ~[tomcat-embed-core-9.0.74.jar!/:na]
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:209) ~[tomcat-embed-core-9.0.74.jar!/:na]
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:153) ~[tomcat-embed-core-9.0.74.jar!/:na]
at org.springframework.web.filter.RequestContextFilter.doFilterInternal(RequestContextFilter.java:100) ~[spring-web-5.3.27.jar!/:5.3.27]
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:117) ~[spring-web-5.3.27.jar!/:5.3.27]
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:178) ~[tomcat-embed-core-9.0.74.jar!/:na]
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:153) ~[tomcat-embed-core-9.0.74.jar!/:na]
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:102) ~[spring-web-5.3.27.jar!/:5.3.27]
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:178) ~[tomcat-embed-core-9.0.74.jar!/:na]
```



```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Varun> cd Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker rm -f app
app
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker build -t app .
[*] Building 3.1s (8/8) FINISHED
=> [internal] load build definition from Dockerfile                                0.0s
=> => transferring dockerfile: 31B                                              0.0s
=> [internal] load .dockerignore                                                0.0s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/openjdk:17                  2.9s
=> [auth] library/openjdk:pull token for registry-1.docker.io                 0.0s
=> [1/2] FROM docker.io/library/openjdk:17@sha256:528707081fd9562a6d1912ba9485aa7fe000a2fbaaef947662c7b3f38cb708 0.0s
=> [internal] load build context                                              0.0s
=> => transferring context: 80B                                                 0.0s
=> CACHED [2/2] ADD target/DockerDemo-0.0.1-SNAPSHOT.jar app.jar             0.0s
=> exporting to image                                                        0.0s
=> => exporting layers                                                         0.0s
=> => writing image sha256-60a2640a00590bcbcd87ad927810e760a00894c1382b7ba18d6c97e6d3da257851 0.0s
=> => naming to docker.io/library/app                                          0.0s
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker run -p 9090:8080 --name app --net spring-boot-network -- MySQL_HOST=mysqlldb -- MySQL_USER=root -- MySQL_PASSWORD=varun -- MySQL_PORT=3306 app

:: Spring Boot :: (v2.7.11)

2023-04-25 09:22:10.343 INFO 1 --- [main] com.docker.DockerDemoApplication : Starting DockerDemoApplication v0.0.1-SNAPSHOT using Java 17.0.2 on 4e1a731040# with PID 1 (/app.jar started by root in /)
2023-04-25 09:22:10.347 INFO 1 --- [main] com.docker.DockerDemoApplication : No active profile set, falling back to 1 default profile: "default"
2023-04-25 09:22:11.476 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.2023-04-25 09:22:11.591 INFO 1 --- [main] s.d.r.c.RepositoryConfigur
urationDelegate : Finished Spring Data repository scanning in 99 ms. Found 1 JPA repository interfaces.
2023-04-25 09:22:12.599 INFO 1 --- [main] o.a.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-04-25 09:22:12.614 INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-04-25 09:22:12.614 INFO 1 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.74]
2023-04-25 09:22:12.732 INFO 1 --- [main] o.a.c.c.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-04-25 09:22:12.733 INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2280 ms
2023-04-25 09:22:13.107 INFO 1 --- [main] o.hibernate.jpa.internal.util.LogHelper : HH0000204: Processing PersistenceUnitInfo [name: default]
2023-04-25 09:22:13.201 INFO 1 --- [main] org.hibernate.Version : Hibernate ORM core version 5.6.15.Final
2023-04-25 09:22:13.400 INFO 1 --- [main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations [5.1.2.Final]
2023-04-25 09:22:13.596 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2023-04-25 09:22:14.194 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2023-04-25 09:22:14.194 INFO 1 --- [main] org.hibernate.dialect.Dialect : HH0000000: Using dialect: org.hibernate.dialect.MySQL5Dialect
2023-04-25 09:22:15.040 INFO 1 --- [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HH0000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
2023-04-25 09:22:15.054 INFO 1 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2023-04-25 09:22:16.116 INFO 1 --- [main] o.a.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path '/'
2023-04-25 09:22:16.153 INFO 1 --- [main] com.docker.DockerDemoApplication : Started DockerDemoApplication in 6.565 seconds (JVM running for 7.63)
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Varun> cd Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker rm -f app
app
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker build -t app .
[*] Building 3.1s (8/8) FINISHED
=> [internal] load build definition from Dockerfile                                0.0s
=> => transferring dockerfile: 31B                                              0.0s
=> [internal] load .dockerignore                                                0.0s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/openjdk:17                  2.9s
=> [auth] library/openjdk:pull token for registry-1.docker.io                 0.0s
=> [1/2] FROM docker.io/library/openjdk:17@sha256:528707081fd9562a6d1912ba9485aa7fe000a2fbaaef947662c7b3f38cb708 0.0s
=> [internal] load build context                                              0.0s
=> => transferring context: 80B                                                 0.0s
=> CACHED [2/2] ADD target/DockerDemo-0.0.1-SNAPSHOT.jar app.jar             0.0s
=> exporting to image                                                        0.0s
=> => exporting layers                                                         0.0s
=> => writing image sha256-60a2640a00590bcbcd87ad927810e760a00894c1382b7ba18d6c97e6d3da257851 0.0s
=> => naming to docker.io/library/app                                          0.0s
PS C:\Users\Varun\Documents\workspace-spring-tool-suite-4-18.0.RELEASE\DockerDemo> docker run -p 9090:8080 --name app --net spring-boot-network -- MySQL_HOST=mysqlldb -- MySQL_USER=root -- MySQL_PASSWORD=varun -- MySQL_PORT=3306 app

:: Spring Boot :: (v2.7.11)

2023-04-25 09:22:10.343 INFO 1 --- [main] com.docker.DockerDemoApplication : Starting DockerDemoApplication v0.0.1-SNAPSHOT using Java 17.0.2 on 4e1a731040# with PID 1 (/app.jar started by root in /)
2023-04-25 09:22:10.347 INFO 1 --- [main] com.docker.DockerDemoApplication : No active profile set, falling back to 1 default profile: "default"
2023-04-25 09:22:11.476 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.2023-04-25 09:22:11.591 INFO 1 --- [main] s.d.r.c.RepositoryConfigur
urationDelegate : Finished Spring Data repository scanning in 99 ms. Found 1 JPA repository interfaces.
2023-04-25 09:22:12.599 INFO 1 --- [main] o.a.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-04-25 09:22:12.614 INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-04-25 09:22:12.614 INFO 1 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.74]
2023-04-25 09:22:12.732 INFO 1 --- [main] o.a.c.c.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-04-25 09:22:12.733 INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2280 ms
2023-04-25 09:22:13.107 INFO 1 --- [main] o.hibernate.jpa.internal.util.LogHelper : HH0000204: Processing PersistenceUnitInfo [name: default]
2023-04-25 09:22:13.201 INFO 1 --- [main] org.hibernate.Version : Hibernate ORM core version 5.6.15.Final
2023-04-25 09:22:13.400 INFO 1 --- [main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations [5.1.2.Final]
2023-04-25 09:22:13.596 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2023-04-25 09:22:14.194 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2023-04-25 09:22:14.194 INFO 1 --- [main] org.hibernate.dialect.Dialect : HH0000000: Using dialect: org.hibernate.dialect.MySQL5Dialect
2023-04-25 09:22:15.040 INFO 1 --- [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HH0000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
2023-04-25 09:22:15.054 INFO 1 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2023-04-25 09:22:16.116 INFO 1 --- [main] o.a.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path '/'
2023-04-25 09:22:16.153 INFO 1 --- [main] com.docker.DockerDemoApplication : Started DockerDemoApplication in 6.565 seconds (JVM running for 7.63)
2023-04-25 09:22:27.950 INFO 1 --- [nio-8080-exec-1] o.a.c.c.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-04-25 09:22:27.951 INFO 1 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2023-04-25 09:22:27.952 INFO 1 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```