Output

```
"C:\Program Files\Java\jdk-21\bin\java.exe" ...

  .   ____          _            __ _ _
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( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/

 :: Spring Boot ::                (v3.5.3)

06-07-25 11:19:07.881 restartedMain          INFO c.c.o.OrmLearnApplication          logStarting     53 Starting OrmLearnApplication using Java 21.0.2 with PID 11380 (C:
06-07-25 11:19:07.881 restartedMain          DEBUG c.c.o.OrmLearnApplication         logStarting     54 Running with Spring Boot v3.5.3, Spring v6.2.8
06-07-25 11:19:07.881 restartedMain          INFO c.c.o.OrmLearnApplication          logStartupProfileInfo  652 No active profile set, falling back to 1 default profile: "defaul
06-07-25 11:19:07.928 restartedMain          INFO ertyDefaultsPostProcessor              logTo     252 Devtools property defaults active! Set 'spring.devtools.add-prope
06-07-25 11:19:08.476 restartedMain          INFO toryConfigurationDelegate  registerRepositoriesIn  145 Bootstrapping Spring Data JPA repositories in DEFAULT mode.
06-07-25 11:19:08.525 restartedMain          INFO toryConfigurationDelegate  registerRepositoriesIn  213 Finished Spring Data repository scanning in 41 ms. Found 1 JPA re
06-07-25 11:19:08.932 restartedMain          INFO o.h.j.i.util.LogHelper  logPersistenceUnitInformation  31 HHH000204: Processing PersistenceUnitInfo [name: default]
06-07-25 11:19:08.980 restartedMain          INFO org.hibernate.Version              logVersion     44 HHH000412: Hibernate ORM core version 6.6.18.Final
06-07-25 11:19:09.027 restartedMain          INFO .i.RegionFactoryInitiator       initiateService     50 HHH000026: Second-level cache disabled
06-07-25 11:19:09.327 restartedMain          INFO SpringPersistenceUnitInfo        addTransformer     87 No LoadTimeWeaver setup: ignoring JPA class transformer
06-07-25 11:19:09.343 restartedMain          INFO c.z.h.HikariDataSource           getConnection    109 HikariPool-1 - Starting...
06-07-25 11:19:09.690 restartedMain          INFO c.z.h.pool.HikariPool            checkFailFast    575 HikariPool-1 - Added connection com.mysql.cj.jdbc.ConnectionImpl@
06-07-25 11:19:09.690 restartedMain          INFO c.z.h.HikariDataSource           getConnection    122 HikariPool-1 - Start completed.
06-07-25 11:19:09.769 restartedMain          WARN o.h.orm.deprecation             constructDialect    153 HHH90000025: MySQL8Dialect does not need to be specified explicit
06-07-25 11:19:09.769 restartedMain          WARN o.h.orm.deprecation           logSelectedDialect    101 HHH90000026: MySQL8Dialect has been deprecated; use org.hibernate
06-07-25 11:19:09.785 restartedMain          INFO o.h.o.connections.pooling      logConnectionInfo    163 HHH10001005: Database info:
        Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-1)']
        Database driver: undefined/unknown
```

```
        Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-1)']
        Database driver: undefined/unknown
        Database version: 8.0
        Autocommit mode: undefined/unknown
        Isolation level: undefined/unknown
        Minimum pool size: undefined/unknown
        Maximum pool size: undefined/unknown
06-07-25 11:19:09.807 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(12, org.hibernate.type.descriptor.sql.internal.Capa
06-07-25 11:19:09.807 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(-9, org.hibernate.type.descriptor.sql.internal.Capa
06-07-25 11:19:09.807 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(-3, org.hibernate.type.descriptor.sql.internal.Capa
06-07-25 11:19:09.807 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(4003, org.hibernate.type.descriptor.sql.internal.Dd
06-07-25 11:19:09.807 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(4001, org.hibernate.type.descriptor.sql.internal.Dd
06-07-25 11:19:09.807 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(4002, org.hibernate.type.descriptor.sql.internal.Dd
06-07-25 11:19:09.807 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(2004, org.hibernate.type.descriptor.sql.internal.Ca
06-07-25 11:19:09.816 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(2005, org.hibernate.type.descriptor.sql.internal.Ca
06-07-25 11:19:09.817 restartedMain          DEBUG h.t.d.s.s.DdlTypeRegistry        addDescriptor     64 addDescriptor(2011, org.hibernate.type.descriptor.sql.internal.Ca
06-07-25 11:19:10.555 restartedMain          INFO .p.i.JtaPlatformInitiator        initiateService     59 HHH000489: No JTA platform available (set 'hibernate.transaction.
06-07-25 11:19:10.603 restartedMain          INFO rEntityManagerFactoryBean buildNativeEntityManagerFactory  447 Initialized JPA EntityManagerFactory for persistence unit '
06-07-25 11:19:11.108 restartedMain          INFO .OptionalLiveReloadServer            startServer     59 LiveReload server is running on port 35729
06-07-25 11:19:11.124 restartedMain          INFO c.c.o.OrmLearnApplication          logStarted     59 Started OrmLearnApplication in 3.732 seconds (process running for
06-07-25 11:19:11.124 restartedMain          INFO c.c.o.OrmLearnApplication                main     23 Inside main
06-07-25 11:19:11.124 restartedMain          INFO c.c.o.OrmLearnApplication      testGetAllCountries     30 Start
06-07-25 11:19:11.314 restartedMain          DEBUG org.hibernate.SQL             logStatement    135 select c1_0.co_code,c1_0.co_name from country c1_0
06-07-25 11:19:11.346 restartedMain          DEBUG c.c.o.OrmLearnApplication      testGetAllCountries     32 countries=[Country [code=IN, name=India], Country [code=US, name=
06-07-25 11:19:11.346 restartedMain          INFO c.c.o.OrmLearnApplication      testGetAllCountries     33 End
06-07-25 11:19:11.361 licationShutdownHook   INFO rEntityManagerFactoryBean            destroy    660 Closing JPA EntityManagerFactory for persistence unit 'default'
06-07-25 11:19:11.361 licationShutdownHook   INFO c.z.h.HikariDataSource                close    349 HikariPool-1 - Shutdown initiated...
06-07-25 11:19:11.379 licationShutdownHook   INFO c.z.h.HikariDataSource                close    351 HikariPool-1 - Shutdown completed.

Process finished with exit code 0
```

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HikariPool-1)']




ry              addDescriptor    64 addDescriptor(12, org.hibernate.type.descriptor.sql.internal.CapacityDependentDdlType@2eb16a74) replaced previous registration(org.hibern
ry              addDescriptor    64 addDescriptor(-9, org.hibernate.type.descriptor.sql.internal.CapacityDependentDdlType@606030b4) replaced previous registration(org.hibern
ry              addDescriptor    64 addDescriptor(-3, org.hibernate.type.descriptor.sql.internal.CapacityDependentDdlType@6637bced) replaced previous registration(org.hibern
ry              addDescriptor    64 addDescriptor(4003, org.hibernate.type.descriptor.sql.internal.DdlTypeImpl@25cecbbc) replaced previous registration(org.hibernate.type.de
ry              addDescriptor    64 addDescriptor(4001, org.hibernate.type.descriptor.sql.internal.DdlTypeImpl@3993b236) replaced previous registration(org.hibernate.type.de
ry              addDescriptor    64 addDescriptor(4002, org.hibernate.type.descriptor.sql.internal.DdlTypeImpl@7b384ca3) replaced previous registration(org.hibernate.type.de
ry              addDescriptor    64 addDescriptor(2004, org.hibernate.type.descriptor.sql.internal.CapacityDependentDdlType@7873c87c) replaced previous registration(org.hibe
ry              addDescriptor    64 addDescriptor(2005, org.hibernate.type.descriptor.sql.internal.CapacityDependentDdlType@2e89846a) replaced previous registration(org.hibe
ry              addDescriptor    64 addDescriptor(2011, org.hibernate.type.descriptor.sql.internal.CapacityDependentDdlType@3ae61af8) replaced previous registration(org.hibe
or           initiateService    59 HHH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA platform integration)
an buildNativeEntityManagerFactory  447 Initialized JPA EntityManagerFactory for persistence unit 'default'
er              startServer     59 LiveReload server is running on port 35729
on              logStarted      59 Started OrmLearnApplication in 3.732 seconds (process running for 4.195)
on                    main      23 Inside main
on      testGetAllCountries     30 Start
             logStatement    135 select c1_0.co_code,c1_0.co_name from country c1_0
on      testGetAllCountries     32 countries=[Country [code=IN, name=India], Country [code=US, name=United States of America]]
on      testGetAllCountries     33 End
an                  destroy   660 Closing JPA EntityManagerFactory for persistence unit 'default'
                      close   349 HikariPool-1 - Shutdown initiated...
                      close   351 HikariPool-1 - Shutdown completed.
```

```
mysql> create table country(co_code varchar(2) primary key, co_name varchar(50));
ERROR 1046 (3D000): No database selected
mysql> create schema ormlearn;
ERROR 1007 (HY000): Can't create database 'ormlearn'; database exists
mysql> create table country(co_code varchar(2) primary key, co_name varchar(50));
ERROR 1046 (3D000): No database selected
mysql> use ormlearn;
Database changed
mysql> CREATE TABLE country (
    ->    co_code VARCHAR(2) PRIMARY KEY,
    ->    co_name VARCHAR(50)
    -> );
Query OK, 0 rows affected (0.05 sec)

mysql> insert into country values ('IN', 'India');
Query OK, 1 row affected (0.02 sec)

mysql> insert into country values ('US', 'United States of America');
Query OK, 1 row affected (0.01 sec)

mysql> \q
Bye
```