

```
1 C:\Users\godar\.jdk\openjdk-22.0.1\bin\java.exe "-  
javaagent:C:\Program Files\JetBrains\IntelliJ IDEA  
Community Edition 2024.1.1\lib\idea_rt.jar=54224:C:\  
Program Files\JetBrains\IntelliJ IDEA Community  
Edition 2024.1.1\bin" -Dfile.encoding=UTF-8 -Dsun.  
stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -  
classpath "C:\Users\godar\OneDrive\Desktop\Cognizant  
Deep Skilling\Week-3-SpringCore_Maven_and_Spring-  
data_jpa\Spring_Data_JPA_with_Hibernate\Hands-on-1\  
Code\orm-learn\target\classes;C:\Users\godar\.m2\  
repository\org\springframework\boot\spring-boot-  
starter-data-jpa\3.5.3\spring-boot-starter-data-jpa-3  
.5.3.jar;C:\Users\godar\.m2\repository\org\  
springframework\boot\spring-boot-starter\3.5.3\spring  
-boot-starter-3.5.3.jar;C:\Users\godar\.m2\repository  
\org\springframework\boot\spring-boot-starter-logging  
\3.5.3\spring-boot-starter-logging-3.5.3.jar;C:\Users  
\godar\.m2\repository\ch\qos\logback\logback-classic\  
1.5.18\logback-classic-1.5.18.jar;C:\Users\godar\.m2\  
repository\ch\qos\logback\logback-core\1.5.18\logback  
-core-1.5.18.jar;C:\Users\godar\.m2\repository\org\  
apache\logging\log4j\log4j-to-slf4j\2.24.3\log4j-to-  
slf4j-2.24.3.jar;C:\Users\godar\.m2\repository\org\  
apache\logging\log4j\log4j-api\2.24.3\log4j-api-2.24.  
3.jar;C:\Users\godar\.m2\repository\org\slf4j\jul-to-  
slf4j\2.0.17\jul-to-slf4j-2.0.17.jar;C:\Users\godar\  
.m2\repository\jakarta\annotation\jakarta.annotation-  
api\2.1.1\jakarta.annotation-api-2.1.1.jar;C:\Users\  
godar\.m2\repository\org\yaml\snakeyaml\2.4\snakeyaml  
-2.4.jar;C:\Users\godar\.m2\repository\org\  
springframework\boot\spring-boot-starter-jdbc\3.5.3\  
spring-boot-starter-jdbc-3.5.3.jar;C:\Users\godar\.m2  
\repository\com\zaxxer\HikariCP\6.3.0\HikariCP-6.3.0.  
jar;C:\Users\godar\.m2\repository\org\springframework  
\spring-jdbc\6.2.8\spring-jdbc-6.2.8.jar;C:\Users\  
godar\.m2\repository\org\hibernate\orm\hibernate-core  
\6.6.18.Final\hibernate-core-6.6.18.Final.jar;C:\  
Users\godar\.m2\repository\jakarta\persistence\  
jakarta.persistence-api\3.1.0\jakarta.persistence-api  
-3.1.0.jar;C:\Users\godar\.m2\repository\jakarta\  
transaction\jakarta.transaction-api\2.0.1\jakarta.
```

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1 transaction-api-2.0.1.jar;C:\Users\godar\.m2\
  repository\org\jboss\logging\jboss-logging\3.6.1.
  Final\jboss-logging-3.6.1.Final.jar;C:\Users\godar\
  .m2\repository\org\hibernate\common\hibernate-commons-
  annotations\7.0.3.Final\hibernate-commons-annotations
  -7.0.3.Final.jar;C:\Users\godar\.m2\repository\io\
  smallrye\jandex\3.2.0\jandex-3.2.0.jar;C:\Users\godar
  \.m2\repository\com\fastxml\classmate\1.7.0\
  classmate-1.7.0.jar;C:\Users\godar\.m2\repository\net
  \bytebuddy\byte-buddy\1.17.6\byte-buddy-1.17.6.jar;C
  :\Users\godar\.m2\repository\org\glassfish\jaxb\jaxb-
  runtime\4.0.5\jaxb-runtime-4.0.5.jar;C:\Users\godar\
  .m2\repository\org\glassfish\jaxb\jaxb-core\4.0.5\jaxb
  -core-4.0.5.jar;C:\Users\godar\.m2\repository\org\
  eclipse\angus\angus-activation\2.0.2\angus-activation
  -2.0.2.jar;C:\Users\godar\.m2\repository\org\
  glassfish\jaxb\txw2\4.0.5\txw2-4.0.5.jar;C:\Users\
  godar\.m2\repository\com\sun\istack\istack-commons-
  runtime\4.1.2\istack-commons-runtime-4.1.2.jar;C:\
  Users\godar\.m2\repository\jakarta\inject\jakarta.
  inject-api\2.0.1\jakarta.inject-api-2.0.1.jar;C:\
  Users\godar\.m2\repository\org\antlr\antlr4-runtime\4
  .13.0\antlr4-runtime-4.13.0.jar;C:\Users\godar\.m2\
  repository\org\springframework\data\spring-data-jpa\3
  .5.1\spring-data-jpa-3.5.1.jar;C:\Users\godar\.m2\
  repository\org\springframework\data\spring-data-
  commons\3.5.1\spring-data-commons-3.5.1.jar;C:\Users\
  godar\.m2\repository\org\springframework\spring-orm\6
  .2.8\spring-orm-6.2.8.jar;C:\Users\godar\.m2\
  repository\org\springframework\spring-context\6.2.8\
  spring-context-6.2.8.jar;C:\Users\godar\.m2\
  repository\org\springframework\spring-expression\6.2.
  8\spring-expression-6.2.8.jar;C:\Users\godar\.m2\
  repository\io\micrometer\micrometer-observation\1.15.
  1\micrometer-observation-1.15.1.jar;C:\Users\godar\
  .m2\repository\io\micrometer\micrometer-commons\1.15.1
  \micrometer-commons-1.15.1.jar;C:\Users\godar\.m2\
  repository\org\springframework\spring-aop\6.2.8\
  spring-aop-6.2.8.jar;C:\Users\godar\.m2\repository\
  org\springframework\spring-tx\6.2.8\spring-tx-6.2.8.
  jar;C:\Users\godar\.m2\repository\org\springframework
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1  \spring-beans\6.2.8\spring-beans-6.2.8.jar;C:\Users\
   godar\.m2\repository\org\slf4j\slf4j-api\2.0.17\slf4j
   -api-2.0.17.jar;C:\Users\godar\.m2\repository\org\
   springframework\spring-aspects\6.2.8\spring-aspects-6
   .2.8.jar;C:\Users\godar\.m2\repository\org\aspectj\
   aspectjweaver\1.9.24\aspectjweaver-1.9.24.jar;C:\
   Users\godar\.m2\repository\org\springframework\boot\
   spring-boot-devtools\3.5.3\spring-boot-devtools-3.5.3
   .jar;C:\Users\godar\.m2\repository\org\
   springframework\boot\spring-boot\3.5.3\spring-boot-3.
   5.3.jar;C:\Users\godar\.m2\repository\org\
   springframework\boot\spring-boot-autoconfigure\3.5.3\
   spring-boot-autoconfigure-3.5.3.jar;C:\Users\godar\.
   m2\repository\com\mysql\mysql-connector-j\9.2.0\mysql
   -connector-j-9.2.0.jar;C:\Users\godar\.m2\repository\
   jakarta\xml\bind\jakarta.xml.bind-api\4.0.2\jakarta.
   xml.bind-api-4.0.2.jar;C:\Users\godar\.m2\repository\
   jakarta\activation\jakarta.activation-api\2.1.3\
   jakarta.activation-api-2.1.3.jar;C:\Users\godar\.m2\
   repository\org\springframework\spring-core\6.2.8\
   spring-core-6.2.8.jar;C:\Users\godar\.m2\repository\
   org\springframework\spring-jcl\6.2.8\spring-jcl-6.2.8
   .jar" com.cognizant.orm_learn.OrmLearnApplication

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4  .      _ _ _ _ _      _ _ _ _ _      _ _ _ _ _
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6  ( ( ) \ _ _ _ _ _      _ _ _ _ _      _ _ _ _ _
7  \ \ /  _ _ _ _ _      _ _ _ _ _      _ _ _ _ _
8  '   | _ _ _ _ _      _ _ _ _ _      _ _ _ _ _
9  =====|_|=====|_|/=//_/_/_/_/_

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10  :: Spring Boot ::                      (v3.5.3)

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12 04-07-25 12:17:17.956 restartedMain      INFO c.c.
   o.OrmLearnApplication      logStarting    53
   Starting OrmLearnApplication using Java 22.0.1 with
   PID 7764 (C:\Users\godar\OneDrive\Desktop\Cognizant
   Deep Skilling\Week-3-SpringCore_Maven_and_Spring-
   data_jpa\Spring_Data_JPA_with_Hibernate\Hands-on-1\
   Code\orm-learn\target\classes started by godar in C:\
   Users\godar\OneDrive\Desktop\Cognizant Deep Skilling\

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12 Week-3-SpringCore_Maven_and_Spring-data_jpa\
    Spring_Data_JPA_with_Hibernate\Hands-on-1\Code\orm-
    learn)
13 04-07-25 12:17:17.959 restartedMain          DEBUG c.c.
    o.OrmLearnApplication          logStarting    54
    Running with Spring Boot v3.5.3, Spring v6.2.8
14 04-07-25 12:17:17.960 restartedMain          INFO c.c.
    o.OrmLearnApplication          logStartupProfileInfo 652
    No active profile set, falling back to 1 default
    profile: "default"
15 04-07-25 12:17:18.015 restartedMain          INFO
    ertyDefaultsPostProcessor          logTo
    252 Devtools property defaults active! Set 'spring.
    devtools.add-properties' to 'false' to disable
16 04-07-25 12:17:18.550 restartedMain          INFO
    toryConfigurationDelegate    registerRepositoriesIn
    145 Bootstrapping Spring Data JPA repositories in
    DEFAULT mode.
17 04-07-25 12:17:18.607 restartedMain          INFO
    toryConfigurationDelegate    registerRepositoriesIn
    213 Finished Spring Data repository scanning in 46 ms
    . Found 1 JPA repository interface.
18 04-07-25 12:17:18.984 restartedMain          INFO o.h.
    j.i.util.LogHelper    logPersistenceUnitInformation
    31 HHH000204: Processing PersistenceUnitInfo [name
    : default]
19 04-07-25 12:17:19.045 restartedMain          INFO org.
    hibernate.Version          logVersion    44
    HHH000412: Hibernate ORM core version 6.6.18.Final
20 04-07-25 12:17:19.097 restartedMain          INFO .i.
    RegionFactoryInitiator          initiateService    50
    HHH000026: Second-level cache disabled
21 04-07-25 12:17:19.481 restartedMain          INFO
    SpringPersistenceUnitInfo          addTransformer
    87 No LoadTimeWeaver setup: ignoring JPA class
    transformer
22 04-07-25 12:17:19.511 restartedMain          INFO c.z.
    h.HikariDataSource          getConnection    109
    HikariPool-1 - Starting...
23 04-07-25 12:17:19.918 restartedMain          INFO c.z.
    h.pool.HikariPool          checkFailFast    575

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23 HikariPool-1 - Added connection com.mysql.cj.jdbc.  
    ConnectionImpl@3eb78969  
24 04-07-25 12:17:19.920 restartedMain          INFO c.z.  
    h.HikariDataSource          getConnection  122  
    HikariPool-1 - Start completed.  
25 04-07-25 12:17:20.000 restartedMain          WARN o.h.  
    orm.deprecation              constructDialect  153  
    HHH90000025: MySQLDialect does not need to be  
    specified explicitly using 'hibernate.dialect' (  
    remove the property setting and it will be selected  
    by default)  
26 04-07-25 12:17:20.024 restartedMain          INFO o.h.  
    o.connections.pooling        logConnectionInfo  163  
    HHH10001005: Database info:  
27      Database JDBC URL [Connecting through datasource  
        'HikariDataSource (HikariPool-1)']  
28      Database driver: undefined/unknown  
29      Database version: 8.0.42  
30      Autocommit mode: undefined/unknown  
31      Isolation level: undefined/unknown  
32      Minimum pool size: undefined/unknown  
33      Maximum pool size: undefined/unknown  
34 04-07-25 12:17:20.047 restartedMain          DEBUG h.t.  
    d.s.s.DdlTypeRegistry        addDescriptor  64  
    addDescriptor(12, org.hibernate.type.descriptor.sql.  
    internal.CapacityDependentDdlType@34ea6ca2) replaced  
    previous registration(org.hibernate.type.descriptor.  
    sql.internal.CapacityDependentDdlType@3bf5ee98)  
35 04-07-25 12:17:20.047 restartedMain          DEBUG h.t.  
    d.s.s.DdlTypeRegistry        addDescriptor  64  
    addDescriptor(-9, org.hibernate.type.descriptor.sql.  
    internal.CapacityDependentDdlType@3219e1ed) replaced  
    previous registration(org.hibernate.type.descriptor.  
    sql.internal.CapacityDependentDdlType@1d00c719)  
36 04-07-25 12:17:20.047 restartedMain          DEBUG h.t.  
    d.s.s.DdlTypeRegistry        addDescriptor  64  
    addDescriptor(-3, org.hibernate.type.descriptor.sql.  
    internal.CapacityDependentDdlType@7a683767) replaced  
    previous registration(org.hibernate.type.descriptor.  
    sql.internal.CapacityDependentDdlType@6efd879c)  
37 04-07-25 12:17:20.048 restartedMain          DEBUG h.t.
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37 d.s.s.DdlTypeRegistry          addDescriptor  64
   addDescriptor(4003, org.hibernate.type.descriptor.sql
   .internal.DdlTypeImpl@13160527) replaced previous
   registration(org.hibernate.type.descriptor.sql.
   internal.DdlTypeImpl@8353053)
38 04-07-25 12:17:20.049 restartedMain      DEBUG h.t.
   d.s.s.DdlTypeRegistry          addDescriptor  64
   addDescriptor(4001, org.hibernate.type.descriptor.sql
   .internal.DdlTypeImpl@335ded3d) replaced previous
   registration(org.hibernate.type.descriptor.sql.
   internal.DdlTypeImpl@319e5dad)
39 04-07-25 12:17:20.049 restartedMain      DEBUG h.t.
   d.s.s.DdlTypeRegistry          addDescriptor  64
   addDescriptor(4002, org.hibernate.type.descriptor.sql
   .internal.DdlTypeImpl@12024984) replaced previous
   registration(org.hibernate.type.descriptor.sql.
   internal.DdlTypeImpl@3314543f)
40 04-07-25 12:17:20.049 restartedMain      DEBUG h.t.
   d.s.s.DdlTypeRegistry          addDescriptor  64
   addDescriptor(2004, org.hibernate.type.descriptor.sql
   .internal.CapacityDependentDdlType@6f7c7365) replaced
   previous registration(org.hibernate.type.descriptor.
   sql.internal.DdlTypeImpl@2c4c2812)
41 04-07-25 12:17:20.050 restartedMain      DEBUG h.t.
   d.s.s.DdlTypeRegistry          addDescriptor  64
   addDescriptor(2005, org.hibernate.type.descriptor.sql
   .internal.CapacityDependentDdlType@2c021a76) replaced
   previous registration(org.hibernate.type.descriptor.
   sql.internal.DdlTypeImpl@3da61665)
42 04-07-25 12:17:20.050 restartedMain      DEBUG h.t.
   d.s.s.DdlTypeRegistry          addDescriptor  64
   addDescriptor(2011, org.hibernate.type.descriptor.sql
   .internal.CapacityDependentDdlType@314dbdef) replaced
   previous registration(org.hibernate.type.descriptor.
   sql.internal.DdlTypeImpl@7c8c1f6c)
43 04-07-25 12:17:20.860 restartedMain      INFO  .p.i
   .JtaPlatformInitiator          initiateService  59
   HHH000489: No JTA platform available (set 'hibernate.
   transaction.jta.platform' to enable JTA platform
   integration)
44 04-07-25 12:17:20.900 restartedMain      INFO

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44 rEntityManagerFactoryBean
   buildNativeEntityManagerFactory 447 Initialized JPA
   EntityManagerFactory for persistence unit 'default'
45 04-07-25 12:17:21.321 restartedMain INFO .
   OptionalLiveReloadServer startServer
   59 LiveReload server is running on port 35729
46 04-07-25 12:17:21.340 restartedMain INFO c.c.
   o.OrmLearnApplication logStarted 59
   Started OrmLearnApplication in 3.915 seconds (process
   running for 4.356)
47 04-07-25 12:17:21.343 restartedMain INFO c.c.
   o.OrmLearnApplication main 21
   Inside main
48 04-07-25 12:17:21.344 restartedMain INFO c.c.
   o.OrmLearnApplication testGetAllCountries 28
   Start
49 04-07-25 12:17:21.510 restartedMain DEBUG org.
   hibernate.SQL logStatement 135
   select c1_0.co_code,c1_0.co_name from country c1_0
50 04-07-25 12:17:21.559 restartedMain DEBUG c.c.
   o.OrmLearnApplication testGetAllCountries 30
   countries=[Country{code='IN', name='India'}, Country{
   code='US', name='United States of America'}]
51 04-07-25 12:17:21.560 restartedMain INFO c.c.
   o.OrmLearnApplication testGetAllCountries 31
   End
52 04-07-25 12:17:21.571 licationShutdownHook INFO
   rEntityManagerFactoryBean destroy
   660 Closing JPA EntityManagerFactory for persistence
   unit 'default'
53 04-07-25 12:17:21.575 licationShutdownHook INFO c.z.
   h.HikariDataSource close 349
   HikariPool-1 - Shutdown initiated...
54 04-07-25 12:17:21.588 licationShutdownHook INFO c.z.
   h.HikariDataSource close 351
   HikariPool-1 - Shutdown completed.
55
56 Process finished with exit code 0
57

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