

```
Java - jeep-sales/src/main/java/com/promineotech/jeep/service/DefaultJeepSalesService.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer
Finished after 3.582 seconds
Runs: 1/1 Errors: 1 Failures: 0

FetchJeepTest [Runner: JUnit 5] (0.002 s)
testThatJeepsAreReturnedWhenAvailable

DefaultJeepSalesService.java
1 package com.promineotech.jee...
2
3 import java.util.List;
4
5 @Service
6 @RestController
7 @Slf4j
8 public class DefaultJeepSalesService implements JeepSalesService {
9
10     @Autowired
11     private JeepSalesDao jeepSalesDao;
12
13     //Override
14     public List<Jeep> fetchJeeps(JeepModel model,String trim) {
15
16     }
17 }

Console
<terminated> jeep-sales [JUnit] C:\Program Files\Development\sts-4.16.0.RELEASE\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (Oct 7, 2022, 11:57:42 PM)
2022-10-07 23:57:50.492 INFO 12952 --- [main] ConditionEvaluationReportLoggingListener :
Error starting ApplicationContext. To display the conditions report re-run your application with 'debug' enabled.
2022-10-07 23:57:50.495 ERROR 12952 --- [main] o.s.b.d.LoggingFailureAnalysisReporter :
*****
APPLICATION FAILED TO START
*****
Description:
Failed to configure a DataSource: 'url' attribute is not specified and no embedded datasource could be configured.
Reason: Failed to determine a suitable driver class
Action:
Consider the following:
If you want an embedded database (H2, HSQL or Derby), please put it on the classpath.
```

```
Java - jeep-sales/src/main/java/com/promineotech/jeep/JeepSales.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer
JeepSales.java
FetchJeepTest.java

JeepSales.java
1 package com.promineotech.jee...
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication(scanBasePackages = {"com.promineotech"})
6 @Slf4j
7 public class JeepSales {
8
9     public static void main(String[] args) {
10         SpringApplication.run(JeepSales.class, args);
11     }
12 }

Console
<terminated> jeep-sales - JeepSales [Spring Boot App] C:\Program Files\Development\sts-4.16.0.RELEASE\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe
22:08:34.780 [Thread-0] DEBUG org.springframework.boot.devtools.restart.classloader.RestartClassLoader - Created RestartClassLoader org.springframework.
*****
:: Spring Boot ::
(v2.7.4)
2022-10-08 22:08:35.127 INFO 11280 --- [ restartedMain] com.promineotech.jee.JeepSales : Starting JeepSales using Java 17.0.4.1 on DESKTOP-...
2022-10-08 22:08:35.128 INFO 11280 --- [ restartedMain] com.promineotech.jee.JeepSales : No active profile set, falling back to 1 default pr...
2022-10-08 22:08:35.176 INFO 11280 --- [ restartedMain] e.DevToolsPropertyDefaultsPostProcessor : DevTools property defaults active! Set 'spring.de...
2022-10-08 22:08:35.176 INFO 11280 --- [ restartedMain] e.DevToolsPropertyDefaultsPostProcessor : For additional web related logging consider setting...
2022-10-08 22:08:35.804 INFO 11280 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JDBC repositories in DEF...
2022-10-08 22:08:35.821 INFO 11280 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 13 ms...
2022-10-08 22:08:36.297 INFO 11280 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2022-10-08 22:08:36.307 INFO 11280 --- [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-10-08 22:08:36.308 INFO 11280 --- [ restartedMain] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.65]
2022-10-08 22:08:36.384 INFO 11280 --- [ restartedMain] o.a.c.c.c.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2022-10-08 22:08:36.384 INFO 11280 --- [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization complete
2022-10-08 22:08:36.431 WARN 11280 --- [ restartedMain] ConfigServletWebServerApplicationContext : Exception encountered during context initialization
2022-10-08 22:08:36.433 INFO 11280 --- [ restartedMain] o.apache.catalina.core.StandardService : Stopping service [Tomcat]
2022-10-08 22:08:36.447 INFO 11280 --- [ restartedMain] ConditionEvaluationReportLoggingListener :
Error starting ApplicationContext. To display the conditions report re-run your application with 'debug' enabled.
2022-10-08 22:08:36.470 ERROR 11280 --- [ restartedMain] o.s.b.d.LoggingFailureAnalysisReporter :
```

The screenshot shows an IDE window with a Java Spring Boot application. The main editor displays a file named `Jeep.java` with the following code:

```
@Override
public Jeep mapRow(ResultSet rs, int rowNum) throws SQLException {
    // formatter: off
    return Jeep.builder()
        .basePrice(new BigDecimal(rs.getString("base_price")))
        .modelId(Jeep.getModel.valueOf(rs.getString("model_id")))
        .modelPk(rs.getLong("model_pk"))
        .numDoors(rs.getInt("num_doors"))
        .trimLevel(rs.getString("trim_level"))
        .wheelSize(rs.getInt("wheel_size"))
        .build();
}

//formatter:On
```

The Package Explorer on the left shows the project structure with `jeep-sales` and `SpringBootDemo` folders.

The Console window at the bottom shows the following output:

```
<terminated> jeep-sales - JeepSales [Spring Boot App] C:\Program Files\Development\sts-4.16.0.RELEASE\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4\20220903-1038\jre\bin\javaw.exe [Oct 8, 2022] :: Spring Boot :: (v2.7.4)

2022-10-08 00:29:36.409 INFO 3968 --- [ restartedMain] com.promineotech.jeep.JeepSales : Starting JeepSales using Java 17.0.4.1 on DESKTOP-E569S0T with
2022-10-08 00:29:36.410 INFO 3968 --- [ restartedMain] com.promineotech.jeep.JeepSales : No active profile set, falling back to 1 default profile: 'def
2022-10-08 00:29:36.468 INFO 3968 --- [ restartedMain] e.DevToolsPropertyDefaultsPostProcessor : Devtools property defaults active! Set 'spring.devtools.add-pr
2022-10-08 00:29:37.074 INFO 3968 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JDBC repositories in DEFAULT mode.
2022-10-08 00:29:37.089 INFO 3968 --- [ restartedMain] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 8 ms. Found 0 JDBC
2022-10-08 00:29:37.546 INFO 3968 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2022-10-08 00:29:37.555 INFO 3968 --- [ restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-10-08 00:29:37.555 INFO 3968 --- [ restartedMain] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.65]
2022-10-08 00:29:37.636 INFO 3968 --- [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2022-10-08 00:29:37.636 INFO 3968 --- [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: Initialization completed in 1167 n
2022-10-08 00:29:37.693 WARN 3968 --- [ restartedMain] ConfigServletWebServerApplicationContext : Exception encountered during context initialization - cancelli
2022-10-08 00:29:37.693 INFO 3968 --- [ restartedMain] o.apache.catalina.core.StandardService : Stopping service [Tomcat]
2022-10-08 00:29:37.707 INFO 3968 --- [ restartedMain] ConditionEvaluationReportLoggingListener :

Error starting ApplicationContext. To display the conditions report re-run your application with 'debug' enabled.
2022-10-08 00:29:37.729 ERROR 3968 --- [ restartedMain] o.s.b.d.LoggingFailureAnalysisReporter :
```

The status bar at the bottom indicates the file is writable, smart insert is enabled, and the cursor is at line 75, column 5.

<https://github.com/Zbekele2022/Week-15-Coding-assignment.git>