**[Q.How to connect to an external database like MSSQL or oracle with Spring boot?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled22)**

It is done in the following steps.

**Step 1** -

The first step to connect the database like Oracle or MySql is adding the dependency for your database connector to pom.xml.

**Step 2** -

The next step is the elimination of H2 Dependency from pom.xml

**Step 3** -

Step 3 includes the schema and table to establish your database.

**Step 4** -

The next step is configuring of the database by using Configure application.properties to connect to your database.

**Step 5**-

And the last step is to restart your device and your connection is ready to use.

**[Q.How to add custom JS code in Spring Boot?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled23)**

**/src/main/resources/static** is the suggested folder for static content in Spring boot.

You can create a JS file for sending an alert by creating a custom file named custom.js in /src/main/resources/static/js/ directory with below code

alert("I'm active");

**[Q.How can you enable auto reload of application with Spring Boot?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled26)**

You can enable auto-reload/LiveReload of spring boot application by adding the **spring-boot-devtools** dependency in the**pom.xml** file.

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-devtools</artifactId>

<optional>true

</dependency>

**Note:** please restart your application for immediate effects.

### ****[Q.What is the reason to have a spring-boot-maven module?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled4)****

The reason behind to have Spring-boot-maven module is it gives a couple of charges which empower you to package the code as a container or run the application

* spring-boot: run operates your Spring Boot application.
* spring-boot: repackage it repackages your jug/war to be executable.
* spring-boot: start and spring-boot: stop to deal with the lifecycle of your Spring Boot application (i.e., for joining tests).
* spring-boot: build-data creates build data that can be utilized by the Actuator.

### ****[Q.How to make Spring Boot venture utilizing Spring Initializer?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled5)****

The Spring Initializer is a web application that can produce a Spring Boot project structure for you. It doesn’t create any application code. However, it will give you an essential project structure and either a Maven or a Gradle build specification to fabricate your code with. You should simply compose the application code.

Spring Initializer can be utilized a few different ways, including

* An online interface.
* Via Spring Tool Suite.
* Using the Spring Boot CL

**[Q.How to enable HTTP/2 support in Spring Boot?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled27)**

[You can enable HTTP/2 support in Spring Boot as follows: server.http2.enabled=true](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled27)

[Example:-](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled27)

[@Bean public ConfigurableServletWebServerFactory tomcatCustomizer() {](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled27)

[TomcatServletWebServerFactory factory = new TomcatServletWebServerFactory();   
 factory.addConnectorCustomizers(connector -> connector.addUpgradeProtocol(new Http2Protocol()));](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled27)

[return factory;](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled27)

[}](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled27)

You can enable HTTP/2 support in Spring Boot as follows: server.http2.enabled=true

Example:-

@Bean public ConfigurableServletWebServerFactory tomcatCustomizer() {

TomcatServletWebServerFactory factory = new TomcatServletWebServerFactory();   
 factory.addConnectorCustomizers(connector -> connector.addUpgradeProtocol(new Http2Protocol()));

return factory;

}

**[Q.How do you Enable HTTP response compression in spring boot?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled28)**

To enable **HTTP response compression in spring boot** using GZIP you have to add below settings in your application.properties file.

# Enabling HTTP response compression in spring boot

server.compression.enabled=true

server.compression.min-response-size=2048

server.compression.mime-types=application/json,application/xml,text/html,text/xml,text/plain

**[Q.What is the difference between RequestMapping and GetMapping in Spring Boot?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled29)**

Both @GetMapping and @RequestMapping are annotations for mapping HTTP GET requests onto specific handler methods in Spring boot. @GetMapping is a composed annotation that acts as a shortcut for @RequestMapping. @GetMapping is the newer annotation.

**[Q.How do you configure error logging/debugging in Spring boot application?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled32)**

You can configure error logging/debugging in Spring boot application by applying the following settings in application.properties or application.yml file.

logging.level.org.springframework.web: DEBUG

logging.level.org.hibernate: ERROR

**[Q.What is the use of @SpringBootApplication annotation?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled31)**

**@SpringBootApplication** annotation was introduced in Spring Boot version 1.2.0. It is a convenience annotation which is used in spring boot application to enable additions of beans using the classpath definitions.

**[Q.What is Auto Configuration in Spring boot?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled25)**

**Autoconfiguration** is way in Spring Boot to configure a spring application automatically on the basis of dependencies that are present on the classpath. It makes development easier and faster.

You can create a custom configuration for a MySQL data source in spring boot as

@Configuration

public class MySQLAutoconfiguration {

//...

}

**[Q.What does Spring Boot Starter Pom mean? Why Is It Useful?](https://www.onlineinterviewquestions.com/spring-boot-interview-questions/" \l "collapseUnfiled7)**

Starters are an arrangement of advantageous reliance descriptors that you can incorporate into your application. The starters contain a considerable amount of the dependencies that you have to get a task up and running rapidly and with a steady, supported a set of managed transitive conditions.

The starter POMs are helpful reliance descriptors that can be added to your application’s Maven. In another word, if you are building up a project that utilizes Spring Batch for batch preparing, you need to incorporate spring-boot-starter-bunch that will import all the required conditions for the Spring Batch application. This decreases the burden of looking at and designing all of the conditions required for a structure.