

Create a project to enable HTTPS and display in browser.

Application.properties

```
server.port=8443
server.ssl.key-store=classpath:ssl-server.jks
server.ssl.key-store-password=changeit
server.ssl.key-password=changeit
server.ssl.enabled=true
```

MainController.java

```
package com.ecommerce.controllers;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.ResponseBody;

@Controller
public class MainController {

    @Autowired

    private ProductRepository repository;

    @RequestMapping("/")
    @ResponseBody
    public String index() {
        return "This is running under SSL";
    }

}
```

ProductRepository.java

```
package com.ecommerce.controllers;
```

```
import org.springframework.stereotype.Repository;
@Repository
public class ProductRepository {

}
```

SpringSslApplication.java

```
package com.ecommerce;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.context.annotation.ComponentScan;

@SpringBootApplication
@ComponentScan("com.ecommerce")
public class SpringSslApplication {

    public static void main(String[] args) {
        SpringApplication.run(SpringSslApplication.class, args);
    }

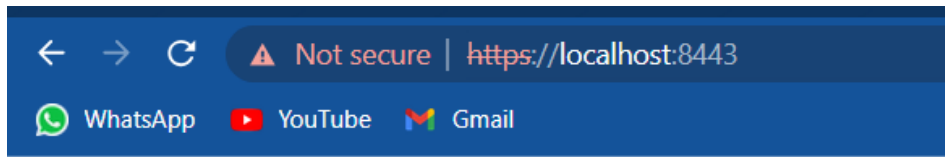
}
```

In Terminal

```
keytool -genkey -alias selfsigned_localhost_sslserver -keyalg RSA -keysize 2048 -validity 700 -keypass
changeit -storepass changeit -keystore ssl-server.jks
```

For first and last name, enter localhost
For organizational unit, enter Website
For name of your organization, enter Website
For city or locality, enter New York
For State or Province, enter NY
For two-letter country code, enter US
For final confirmation, enter yes
This will create a file called ssl-server.jks in your current working directory
Copy this file into the src->main->resources folder

Output



This is running under SSL