

## Phase3: Assisted project 2:

### 1.4 Create a project to enable HTTPS and display in browser.

#### MainController:

```
package com.ecommerce.controllers;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.http.HttpStatus;
import org.springframework.http.ResponseEntity;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
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";
    }

}
```

#### Application.properties:

```
server.port=8443
server.ssl.key-alias=selfsigned localhost sslserver
server.ssl.key-password=changeit
server.ssl.key-store=classpath:ssl-server.jks
server.ssl.key-store-provider=SUN
server.ssl.key-store-type=JKS
```