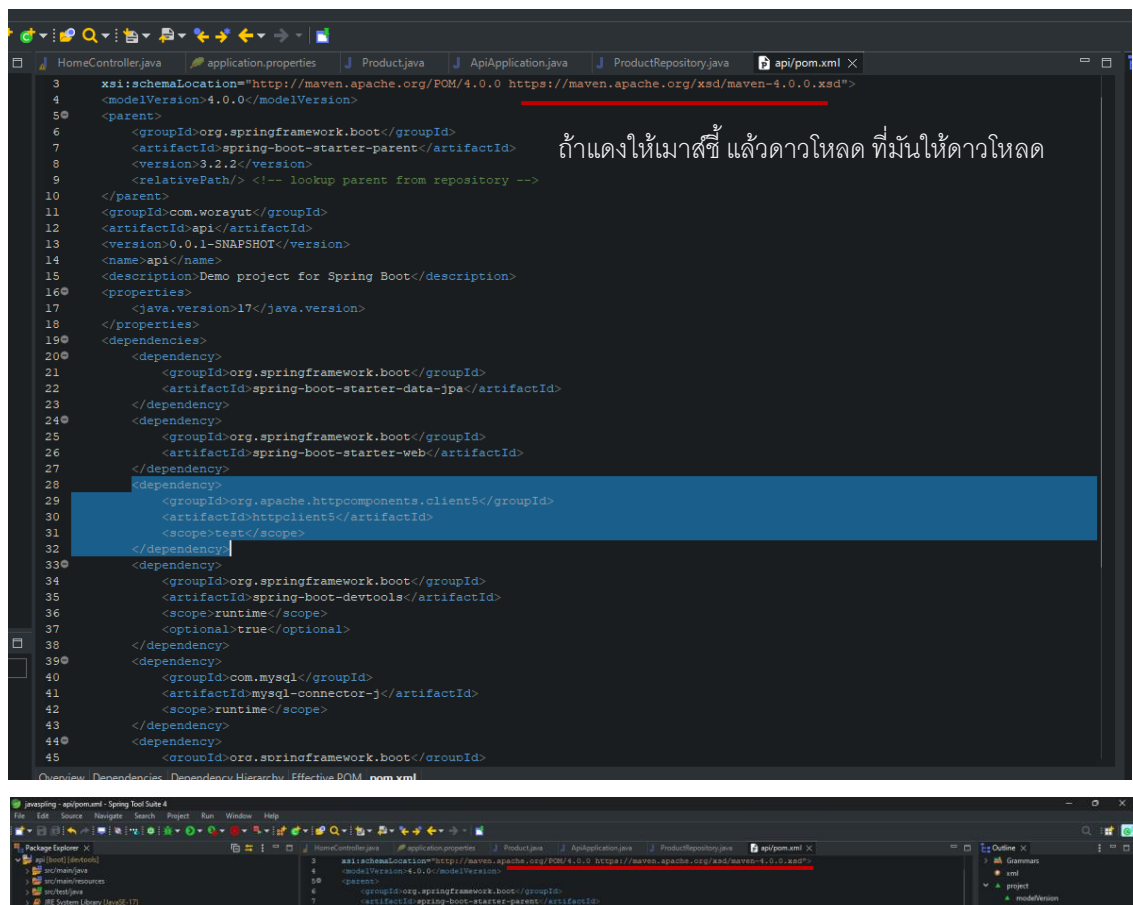


```
<dependency>
<groupId>org.apache.httpcomponents.client5</groupId>
<artifactId>httpclient5</artifactId>
<scope>test</scope>
</dependency>
```



ถ้าแดงให้เมาส์ชี้ แล้วดาวโหลด ที่มันให้ดาวโหลด

```
1 package com.worayut.api;
2
3 import java.util.List;
4
5 import org.springframework.beans.factory.annotation.Autowired;
6 import org.springframework.stereotype.Controller;
7 import org.springframework.web.bind.annotation.CrossOrigin;
8 import org.springframework.web.bind.annotation.RequestMapping;
9 import org.springframework.web.bind.annotation.RequestParam;
10 import org.springframework.web.bind.annotation.ResponseBody;
11 import org.springframework.web.bind.annotation.RestController;
12
13 import com.worayut.api.model.Product;
14 import com.worayut.api.repository.ProductRepository;
15
16 @RestController
17 public class HomeController {
18     @RequestMapping("/")
19     // @RequestMapping("/")
20     @ResponseBody
21     public String[] index() {
22         String[] a = {"a", "b"};
23         return a;
24     }
25     @Autowired
26     private ProductRepository Prepo;
27     @CrossOrigin(origins = "http://localhost/")
28     @RequestMapping("/Product")
29     public List<Product> showSeller() {
30         return Prepo.findAll();
31     }
32     @CrossOrigin(origins = "http://localhost/")
33     @RequestMapping("/Search")
34     public List<Product> search(@RequestParam String keyword) {
35         return Prepo.findByNameContaining(keyword);
36     }
37 }
38
39
```

```
1 package com.worayut.api.model;
2
3 import jakarta.persistence.Entity;
4
5 @Entity
6 public class Product {
7     @Id
8     @GeneratedValue(strategy = GenerationType.AUTO)
9     private Integer id;
10     private String name;
11     private Float price;
12     private Integer stock;
13     public Integer getId() {
14         return id;
15     }
16     public void setId(Integer id) {
17         this.id = id;
18     }
19     public String getName() {
20         return name;
21     }
22     public void setName(String name) {
23         this.name = name;
24     }
25     public Float getPrice() {
26         return price;
27     }
28     public void setPrice(Float price) {
29         this.price = price;
30     }
31     public Integer getStock() {
32         return stock;
33     }
34     public void setStock(Integer stock) {
35         this.stock = stock;
36     }
37     @Override
38     public String toString() {
39         return "Product [id=" + id + ", name=" + name + ", price=" + price + ", stock=" + stock + "];";
40     }
41 }
42
43
44
45
```

Spring Tool Suite 4

Window Help

HomeController.java application.properties Product.java ApiApplication.java ProductRepository.java X api/pom.xml

```
1 package com.worayut.api.repository;
2
3 import java.util.List;
4
5
6
7
8
9 public interface ProductRepository extends JpaRepository<Product, Integer> {
10     List<Product> findByNameContaining(String keyword);
11 }
12
```

Problems Javadoc Declaration Console X

HomeController.java application.properties X Product.java ApiApplication.java ProductRepository.java api/pom.xml

```
1 server.port= 8080
2 spring.jpa.hibernate.ddl-auto=none
3 spring.datasource.url=jdbc:mysql://localhost:3306/myshop
4 spring.datasource.username=root
5 spring.datasource.password=
6 spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
7
8
```

```
HomeController.java X application.properties Product.java ApiApplication.java ProductRepository.java api/pom.xml
1 package com.worayut.api;
2
3 import java.util.List;
4
5 import org.springframework.beans.factory.annotation.Autowired;
6 import org.springframework.stereotype.Controller;
7 import org.springframework.web.bind.annotation.CrossOrigin;
8 import org.springframework.web.bind.annotation.RequestMapping;
9 import org.springframework.web.bind.annotation.RequestParam;
10 import org.springframework.web.bind.annotation.ResponseBody;
11 import org.springframework.web.bind.annotation.RestController;
12
13 import com.worayut.api.model.Product;
14 import com.worayut.api.repository.ProductRepository;
15
16 @RestController
17 public class HomeController {
18     @RequestMapping("/")
19     // @RequestMapping("/")
20     @ResponseBody
21     public String[] index() {
22         String[] a = {"a", "b"};
23         return a;
24     }
25
26     @Autowired
27     private ProductRepository Prepo;
28     @CrossOrigin(origins = "http://localhost/")
29     @RequestMapping("/Product")
30     public List<Product> showSeller() {
31         return Prepo.findAll();
32     }
33     @CrossOrigin(origins = "http://localhost/")
34     @RequestMapping("/Search")
35     public List<Product> search(@RequestParam String keyword) {
36         return Prepo.findByNameContaining(keyword);
37     }
38 }
```

ถ้ายังไม่ได้ให้ปิด ตัวสปริงแล้วก็ เปิดรันใหม่ ถ้าไม่ เอ่อเรอ ให้ไปที่ **web**
localhost/final/test.html
localhost/ชื่อไฟล์เดอ/ชื่อ index

กรุณา ปิดปิดรันสปริงทุกครั้ง ถ้ารันได้แล้วไม่แดง รันรอบสองแดง ให้ **stop**
แล้วรันใหม่ เช็คโค้ดแล้วรันไว้
แล้วดู **html** ดีๆ ใน **index**