

2024년 상반기 K-디지털 트레이닝

# SPRING REST

---

[KB] IT's Your Life

- 프로젝트명: **spring\_rest2**, 패키지명: **com.multi.spring2**
- [spring\\_rest2-문제.zip](#) 프로젝트 파일을 다운로드(클릭) 받아 본인의 설정을 변경한 후, 프로젝트를 완성하시오.
- MySQL shop2 db와 city table정보는 아래와 같다.
- mybatis를 이용하여 city테이블과 관련된 처리 중  
city.jsp파일을 열어 <주석 처리된 부분>을 구현하시오.

**(axios 를 사용해서 구현)**

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default
ID	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Name	CHAR(35)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"
CountryCode	CHAR(3)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"
District	CHAR(20)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"
Population	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'0'

use shop2;

```
CREATE TABLE `city` (
  `ID` int NOT NULL AUTO_INCREMENT,
  `Name` char(35) NOT NULL DEFAULT "",
  `CountryCode` char(3) NOT NULL DEFAULT "",
  `District` char(20) NOT NULL DEFAULT "",
  `Population` int NOT NULL DEFAULT '0',
  PRIMARY KEY (`ID`)
);
```

```
INSERT INTO `city` (`Name`, `CountryCode`, `District`, `Population`) VALUES
('New York', 'USA', 'New York', 8419000),
('Los Angeles', 'USA', 'California', 3980400),
('Chicago', 'USA', 'Illinois', 2716000),
('Houston', 'USA', 'Texas', 2328000),
('Phoenix', 'USA', 'Arizona', 1690000),
('Philadelphia', 'USA', 'Pennsylvania', 1584200),
('San Antonio', 'USA', 'Texas', 1547200),
('San Diego', 'USA', 'California', 1423600),
('Dallas', 'USA', 'Texas', 1356000),
('San Jose', 'USA', 'California', 1035300);
```

## - 주요 실행하면

### City Info Viewer

Get City by ID

Get All Cities (List)

View All Cities (Table)

 New York

**Country Code:** USA







**District:** New York

**Population:** 8,419,000

## - 주요 실행하면

City Info Viewer

Get City by ID   **Get All Cities (List)**   View All Cities (Table)

 <b>New York</b> <b>Country Code:</b> USA <b>District:</b> New York <b>Population:</b> 8,419,000	 <b>Los Angeles</b> <b>Country Code:</b> USA <b>District:</b> California <b>Population:</b> 3,980,400	 <b>Chicago</b> <b>Country Code:</b> USA <b>District:</b> Illinois <b>Population:</b> 2,716,000
 <b>Houston</b> <b>Country Code:</b> USA <b>District:</b> Texas <b>Population:</b> 2,328,000	 <b>Phoenix</b> <b>Country Code:</b> USA <b>District:</b> Arizona <b>Population:</b> 1,690,000	 <b>Philadelphia</b> <b>Country Code:</b> USA <b>District:</b> Pennsylvania <b>Population:</b> 1,584,200

## - 주요 실행하면

City Info Viewer

Get City by ID   Get All Cities (List)   View All Cities (Table)

#	City Name	Country Code	District	Population
1	New York	USA	New York	8,419,000
2	Los Angeles	USA	California	3,980,400
3	Chicago	USA	Illinois	2,716,000
4	Houston	USA	Texas	2,328,000
5	Phoenix	USA	Arizona	1,690,000
6	Philadelphia	USA	Pennsylvania	1,584,200
7	San Antonio	USA	Texas	1,547,200
8	San Diego	USA	California	1,423,600
9	Dallas	USA	Texas	1,256,000

## - CityController의 주요 메서드

메서드 이름은  
변경 가능

메서드 이름	http 메서드	url패턴	파라미터	반환 타입
one	get	/city/one	int id	JSON
all	get	/city/all	없음	JSON

수고하셨습니다!

