

2024년 상반기 K-디지털 트레이닝

# SPRING myBatis

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[KB] IT's Your Life

- 프로젝트명: **spring\_mybatis\_exam**, 패키지명: **com.multi.spring2**
- [spring\\_mybatis\\_exam-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

1) **CityController.java**, 2) **CityDAO.java**, 3) **CityService.java**, 4) **cityMapper.xml**, 5) **all\_result.jsp** 파일을 열어

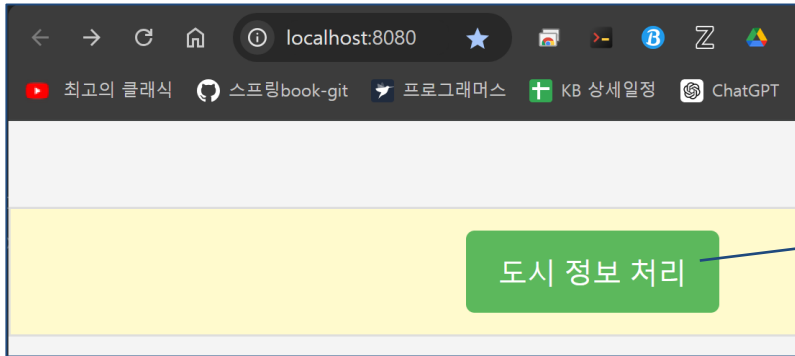
<주석 처리된 부분>을 구현하시오.

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'

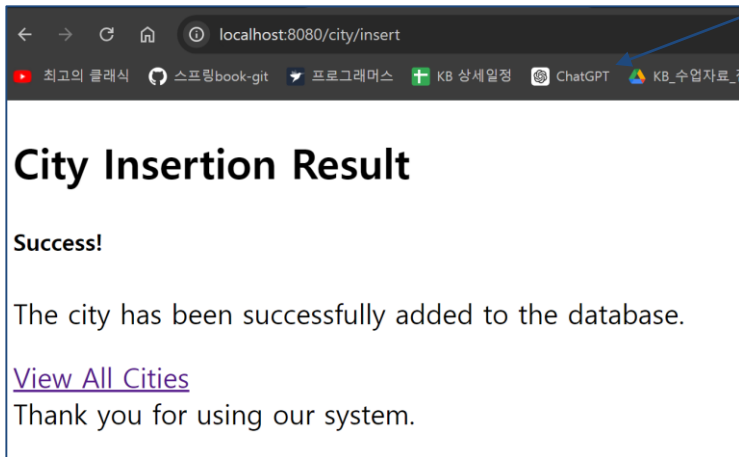
use shop2;

```
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`)
);
```

## - 주요 실행하면



A screenshot of a web browser at localhost:8080/city. The page title is 'City Information'. It contains a form with the following fields: 'Name' (value: bbb), 'Country Code' (value: bbb), 'District' (value: bbb), and 'Population' (value: 3000). Below the fields is a button labeled 'Add City'. A blue arrow points from the 'Add City' button to the 'City Insertion Result' screenshot.



A screenshot of a web browser at localhost:8080/city/all. The page title is 'City List'. It displays a table with the following data:

ID	Name	Country Code	District	Population
1	aaa	aaa	aaa	1000
2	bbb	bbb	bbb	2000

## - CityController의 주요 메서드

메서드 이름은  
변경 가능

메서드 이름	http 메서드	url패턴	파라미터	반환 타입
insert	post	/city/insert	CityVO	String
all	get	/city/all	없음	String 또는 ModelAndView

## - city.jsp

```

<!-- City Insert Form -->
<div class="card mb-4">
  <div class="card-header">
    <h3>Add City</h3>
  </div>
  <div class="card-body">
    <form action="city/insert" method="post" class="row g-3">
      <div class="table-responsive">
        <table class="table table-bordered table-header">
          <tbody>
            <tr>
              <td class="col-md-3">
                <label for="name" class="form-label">Name</label>
                <input type="text" id="name" name="name" class="form-control" required>
              </td>
              <td class="col-md-3">
                <label for="countryCode" class="form-label">Country Code</label>
                <input type="text" id="countryCode" name="countryCode" class="form-control" required>
              </td>
            </tr>
            <tr>
              <td class="col-md-3">
                <label for="district" class="form-label">District</label>
                <input type="text" id="district" name="district" class="form-control" required>
              </td>
              <td class="col-md-3">
                <label for="population" class="form-label">Population</label>
                <input type="number" id="population" name="population" class="form-control" required>
              </td>
            </tr>
          </tbody>
        </table>
      </div>
      <div class="col-12">
        <button type="submit" class="btn btn-success">Add City</button>
      </div>
    </form>
  </div>
</div>

```

```

<!-- City List Link -->
<div class="card">
  <div class="card-header">
    <h3>City List</h3>
  </div>
  <div class="card-body">
    <a href="city/all" class="btn btn-secondary">Search All Cities</a>
  </div>
</div>

```

수고하셨습니다!

