

URL to GitHub Repository: https://github.com/lixy1979/java_week_13

URL to Public Link of your Video: <https://youtu.be/EUDUQtccMBs>

```
package com.promineotech.jeeppromineotech.controller;
```

```
import java.util.List;
```

```
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;
```

```
import com.promineotech.jeeppromineotech.entity.Jeeppromineotech;
import com.promineotech.jeeppromineotech.entity.JeeppromineotechModel;
```

```
@RestController
```

```
public class DefaultJeepSalesController implements JeepSalesController {
```

```
    @RequestMapping("/welcome")
    public String welcomepage() {
        return "Welcome";
    }
}
```

```
    @Override
    public List<Jeep> fetchJeeps(JeeppromineotechModel model, String trim) {
        return null;
    }
}
```

```
package com.promineotech.jeeppromineotech.entity;
```

```
public enum JeepModel {
    WRANGLER, GRAND_CHEROKEE, CHEROKEE, COMPASS, RENEGADE, GLADIATOR,
    WRANGLER_4XE
}
```

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package com.promineotech.jeeppromineotech.entity;
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public enum JeepModel {
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package com.promineotech.jeeppromineotech.controller;
```

```
import static org.assertj.core.api.Assertions.assertThat;
```

```
import java.util.List;
```

```
import org.junit.jupiter.api.Test;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.boot.test.context.SpringBootTest;
import org.springframework.boot.test.web.client.TestRestTemplate;
import org.springframework.boot.test.web.server.LocalServerPort;
import org.springframework.core.ParameterizedTypeReference;
```

```
import org.springframework.http.HttpMethod;
import org.springframework.http.HttpStatus;
import org.springframework.http.ResponseEntity;
import org.springframework.test.context.ActiveProfiles;
import org.springframework.test.context.jdbc.Sql;
import org.springframework.test.context.jdbc.SqlConfig;
```

```
import com.promineotech.jeepp.entity.Jeepp;
import com.promineotech.jeepp.entity.JeeppModel;
```

```
@SpringBootTest(webEnvironment = SpringBootTest.WebEnvironment.RANDOM_PORT)
@ActiveProfiles("test")
@Sql(scripts = {
    "classpath:flyway/migrations/V1.0__Jepp_Schema.sql",
    "classpath:flyway/migrations/V1.1__Jepp_Data.sql"},
    config = @SqlConfig(encoding = "utf-8"))
class FetchJeppTest {
    @Autowired
    private TestRestTemplate restTemplate;

    @LocalServerPort
    private int serverPort;

    @Test
    void testThatJeppsAreReturnedWhenAValidModelAndTrimAreSupplied() {
        // Given: a valid model, trim and URI
        JeppModel model = JeppModel.WRANGLER;
        String trim = "Sport";
        String uri =
            String.format("http://localhost:%d/jepps?model=%s&trim=%s", serverPort,
model, trim);

        // When: a connection is made to the URI
        ParameterizedTypeReference<List<Jepp>> parameterizedTypeReference =
            new ParameterizedTypeReference<List<Jepp>>({});
        ResponseEntity<List<Jepp>> response =
            restTemplate.exchange(uri, HttpMethod.GET, null,
parameterizedTypeReference);
        // Then: a success (OK - 200) status code is returned
        assertThat(response.getStatusCode()).isEqualTo(HttpStatus.OK);
    }
}
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        // Given: a valid model, trim and URI
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import com.promineotech.jeepp.entity.Jeep;
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@SpringBootTest(webEnvironment = SpringBootTest.WebEnvironment.RANDOM_PORT)
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import java.util.List;

import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

import com.promineotech.jee.entity.Jee;
import com.promineotech.jee.entity.JeeModel;

@RestController
public class DefaultJeeSalesController implements JeeSalesController {

    @RequestMapping("/welcome")
    public String welcomepage() {
        return "Welcome";
    }

    @Override
    public List<Jee> fetchJeeps(JeeModel model, String trim) {
        return null;
    }
}
```