

Spring Jdbc Test

```
package integration.tests.databasesjdbc;
```

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

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

```
import org.junit.jupiter.api.AfterEach;
```

```
import org.junit.jupiter.api.Test;
```

```
import org.springframework.beans.factory.annotation.Autowired;
```

```
import org.springframework.boot.test.context.SpringBootTest;
```

```
import org.springframework.test.context.jdbc.Sql;
```

```
import integration.tests.databasesjdbc.product.Product;
```

```
import integration.tests.databasesjdbc.product.ProductRepository;
```

```
@SpringBootTest
```

```
class JdbcIntegrationTest {
```

```
    @Autowired
```

```
    private ProductRepository productRepository;
```

```
    @AfterEach
```

```
    public void cleanUp() {
```

```
        productRepository.deleteAll();
```

```
    }
```

```
    @Test
```

```
    @Sql(statements = "insert into product (id, name, price)
```

```
values(1, 'Mouse', 15)")
```

```
    public void findByNameIgnoreCaseReturnProduct() {
```

```
        Product product =
```

```
productRepository.findByNameIgnoreCase("mouse");
```

```
        Assertions.assertThat(product.getName()).isEqualTo("Mouse");
```

```
        Assertions.assertThat(product.getPrice()).isEqualTo(15);
```

```
    }
```

```
    @Test
```

```
    @Sql(statements = "insert into product (id, name, price)
```

```
values(1, 'Scanner', 40)")
```

```
    @Sql(statements = "insert into product (id, name, price)
```

```
values(2, 'Mouse', 15)")
```

```
    public void returnProductsSortByPriceAscendent() {
```

```
        List<Product> products =
```

```
productRepository.findAllOrderedByPriceAsc();
```

```
Assertions.assertThat(products).extracting(Product::getName).containsExactly  
("Mouse", "Scanner");  
    }  
  
}
```