

```
package jdbc;

import java.util.HashMap;

import javax.sql.DataSource;

import org.springframework.jdbc.core.simple.SimpleJdbcInsert;
import org.springframework.stereotype.Component;

@Component
public class SJIDemo {
    private SimpleJdbcInsert sji;

    // Constructor injection
    public SJIDemo(DataSource datasource) {
        System.out.println("SJIDemo()" + datasource.toString());
        this.sji = new SimpleJdbcInsert(datasource);
        this.sji.withTableName("categories")
            .usingColumns("catcode", "catdesc");
    }

    public void add(String code, String desc) {
        HashMap<String, String> category = new HashMap<>();
        category.put("catcode", code);
        category.put("catdesc", desc);
        int count = sji.execute(category); // INSERT is executed
        System.out.printf("Added %d Categories Successfully!\n", count);
    }
}
```