**create database sybca;**

**use sybca;**

**create table student (sid int, sname varchar(20);**

**//Student.java**

package sy.abc2;

public class Student {

private int sid;

private String sname;

public Student() {

super();

// TODO Auto-generated constructor stub

}

public Student(int sid, String sname) {

super();

this.sid = sid;

this.sname = sname;

}

@Override

public String toString() {

return "Student [sid=" + sid + ", sname=" + sname + "]";

}

public int getSid() {

return sid;

}

public void setSid(int sid) {

this.sid = sid;

}

public String getSname() {

return sname;

}

public void setSname(String sname) {

this.sname = sname;

}

}

//StudentDao.java

package com.spring.jdbc.dao;

import java.util.List;

import com.spring.jdbc.entites.Student;

public interface StudentDao {

public int insert(Student student);

public int change(Student student);

public int delete(int studentId);

public Student getStudent(int studentId);

}

Config.xml

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:context="http://www.springframework.org/schema/context"

xmlns:p="http://www.springframework.org/schema/p"

xsi:schemaLocation="http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans.xsd

http://www.springframework.org/schema/context

http://www.springframework.org/schema/context/spring-context.xsd">

<bean class="org.springframework.jdbc.datasource.DriverManagerDataSource" name="ds" >

<property name="driverClassName" value="com.mysql.jdbc.Driver" />

<property name="url" value="jdbc:mysql://localhost:3306/sybca" />

<property name="username" value="root" /> <property name="password" value="123456" />

</bean>

<bean class="org.springframework.jdbc.core.JdbcTemplate" name="jdbcTemplate" >

<property name="dataSource">

<ref bean="ds"/>

</property>

</bean>

<bean class="sy.abc2.StudentDaoImpl" name="studentDao" >

<property name="jdbcTemplate" ref="jdbcTemplate"/>

</bean>

</beans>

//StudentDaoImpl.java

**package** sy.abc2;

**import** org.springframework.jdbc.core.JdbcTemplate;

**public** **class** StudentDaoImpl **implements** StudentDao{

**private** JdbcTemplate jdbcTemplate;

**public** JdbcTemplate getJdbcTemplate() {

**return** jdbcTemplate;

}

**public** **void** setJdbcTemplate(JdbcTemplate jdbcTemplate) {

**this**.jdbcTemplate = jdbcTemplate;

}

@Override

**public** **int** insert(Student student) {

String query="insert into student(sid, sname) values (?,?)";

**int** r=**this**.jdbcTemplate.update(query, student.getSid(),student.getSname());

**return** r;

}

**public** **int** change(Student student) {

// updating data

String query = "update student set sname=? where sid=?";

**int** r = **this**.jdbcTemplate.update(query, student.getSname(), student.getSid());

**return** r;

}

**public** **int** delete(**int** sid) {

// delete operation

String query = "delete from student where sid=?";

**int** r = **this**.jdbcTemplate.update(query, sid);

**return** r;

}

}

**package** sy.abc2;

**import** org.springframework.context.ApplicationContext;

**import** org.springframework.context.support.ClassPathXmlApplicationContext;

**import** org.springframework.jdbc.core.JdbcTemplate;

**public** **class** App

{

**public** **static** **void** main( String[] args )

{

ApplicationContext context=**new** ClassPathXmlApplicationContext("sy/abc2/config.xml");

StudentDao studentDao = context.getBean("studentDao", StudentDao.**class**);// INSERT

/\*

//insert

Student student = new Student();

student.setSid(2);

student.setSname("c++");

int result = studentDao.insert(student);

System.out.println("student added " + result);

// UPDATE

Student student=new Student();

student.setSid(1);

student.setSname("JSF");

int result = studentDao.change(student);

System.out.println("data changed "+result);

\*/

// DELETE

**int** result = studentDao.delete(1);

System.***out***.println("deleted "+result);

Student student = studentDao.getStudent(456);

System.***out***.println(student);

//

}

}