数据库课设——测试用例

db1下有Stu表和SC表

Stu表（学生表）

Sno	Sname	Ssex	Sbirth	Spre
95001	LiYong	male	1977–5–1	23
95002	LiuCheng	female	1976–4–8	25
95003	LiMing	male	1977–2–2	26
95004	WangMing	female	1977–3–5	20
95016	JinJing	female	1978–11–1	23
95018	WangJin	male	1977–4–6	21
96001	ZhangLi	male	1978–6–2	18
96002	LiuFeng	male	1979–8–18	16

```
CREATE TABLE Stu(Sno INT,Sname CHAR(32),Ssex CHAR(32),Sbirth CHAR(32),Spre FLOAT);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(95001,'LiYong','male','1977–5–1',23);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(95002,'LiuCheng','female','1976–4–8',25);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(95003,'LiMing','male','1977–2–2',26);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(95004,'WangMing','female','1977–3–5',20);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(95016,'JinJing','female','1978–11–1',23);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(95018,'WangJin','male','1977–4–6',21);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(96001,'ZhangLi','male','1978–6–2',18);
INSERT INTO Stu(Sno,Sname,Ssex,Sbirth,Spre) VALUES(96002,'LiuFeng','male','1979–8–18',16);
```

SC表（学生分数表）

Sno	Score1	Score2	Score
95001	90	90	90
95002	52	72	66
95016	88	80	82

95018	80	94	90
96001	90	85	87
96002	82	85	84

```
CREATE TABLE SC(Sno INT,Score1 FLOAT,Score2 Float,Score Float);
INSERT INTO SC(Sno,Score1,Score2,Score) VALUES(95001,90,90,90);
INSERT INTO SC(Sno,Score1,Score2,Score) VALUES(95002,52,72,66);
INSERT INTO SC(Sno,Score1,Score2,Score) VALUES(95016,88,80,82);
INSERT INTO SC(Sno,Score1,Score2,Score) VALUES(95018,80,94,90);
INSERT INTO SC(Sno,Score1,Score2,Score) VALUES(96001,90,85,87);
INSERT INTO SC(Sno,Score1,Score2,Score) VALUES(96002,82,85,84);
```

Course表（课程表）

Cno	Cname	Cpno	Ccredit
1	SQL	5	4
2	Math		2
3	Algorithm	1	4

0.SHOW DATABASE

```
SHOW DATABASE;
create database db1;
```

1. USE DATABASE

```
USE DATABASE db1;
```

2. SHOW TABLE

```
SHOW TABLE;
```

3. SELECT

```
SELECT * FROM Stu;
SELECT * FROM SC;
```

4. INSERT INTO

```
INSERT INTO SC(Sno,Score1,Score2,Score) VALUES(95003,85,85,85);
SELECT * FROM SC;
```

5. UPDATE

```
UPDATE SC SET Score1 = 90 WHERE Sno = 95002;
UPDATE SC SET Score = 0.3*Score1+(1−0.3)*Score2 WHERE Sno = 95002;
SELECT * FROM SC;
```

6. 自表连接查询：查询所修学分比LiuCheng同学高的同学信息 改例子

```
SELECT b.Sno Sno,b.Sname Sname
FROM Stu a,Stu b
WHERE a.Spre < b.Spre
    AND a.Sname ='LiuCheng';
```

7. 多表查询：查询总分为90的学生号和学生姓名

```
SELECT Stu.Sno,Sname
FROM Stu,SC
WHERE Stu.Sno= SC.Sno AND Score=90;
```

8. DELETE

```
DELETE FROM SC WHERE Sno = 96002;
SELECT * FROM SC;
```

9. exit

```
EXIT;
```

10.CREATE DATABASE

```
CREATE DATABASE db2;
```

11.SHOW DATABASE

```
SHOW DATABASE;
```

12.OPEN DATABASE

```
USE DATABASE db2;
```

13.CREATE TABLE

```
CREATE TABLE Course(Cno INT,Cname CHAR(32),Ccredit INT);
```

14.SHOW TABLE

```
SHOW TABLE;
```