《数据库原理与设计》第三次次作业

班级： 07112002　　　　学号： 1120200822　　　姓名： 郑子帆

3.

```sql
CREATE TABLE S(
    SNO CHAR(10) PRIMARY KEY,
    SNAME CHAR(10),
    CITY CHAR(10)
);
CREATE TABLE P (
    PNO CHAR(10). PRIMARY KEY,
    PNAME CHAR(10),
    WEIGHT INT
);
CREATE TABLE SP(
    SNO CHAR(10),
    PNO CHAR(10),
    QTY INT
);
```

5. CREATE UNIQUE INDEX SSNO ON SC(SNO).
CREATE UNIQUE INDEX PPNO ON P(PNO).
CREATE UNIQUE INDEX SPNO. ON SP(SNO, PNO).

6.

(1) SELECT *
   FROM S
   WHERE Sdept = '计算机' AND Sage < 20;

(2) SELECT C.Cno, Grade.
   FROM. S, C, SC.
   WHERE. S.Sno = SC.Sno AND. C.Cno = SC.Cno AND Sname = '刘莉';

(3) SELECT Sname, Sdept
   FROM S
   WHERE. Sno IN (SELECT Sno
                   FROM SC
                   WHERE Cno = 'C01' AND. Sno IN (SELECT Sno
                                                   FROM SC
                                                   WHERE Cno = 'C05').

(4) SELECT. S.Sno, Sname, Grade.
   FROM   S, C, SC.
   WHERE   S.Sno = SC.Sno AND. C.Cno = SC.Cno AND. Cnam = 'C++程序设计';

(5) SELECT SUM(Ccreadit)
   FROM   S. C. SC
   WHERE S.Sno = SC.Sno AND C.Cno = SC.Cno AND Sname = '王一平';

```sql
(6) SELECT Snam, Sdept
    FROM S
    WHERE Sno NOT IN( SELECT Sno
                      FROM SC
                      WHERE Cno = 'C01' OR Sno IN(
                             SELECT Sno
                             FROM SC
                             WHERE Cno = 'C05');
```

```sql
(7) SELECT Sname, Sdept
    FROM S
    WHERE Sname LIKE '欧阳%';
```

```sql
(8) INSERT INTO SC(Sno, Cno)
    SELECT Sno, 'C12'
    FROM S
    WHERE Sname = '董俞';
```

```sql
(10) UPDATE C
     SET Credit = 3.5
     WHERE Cnam = '数据结构';
```

```sql
(11). DELETE
     FROM SC
     WHERE CNO = 'C02' AND Sno IN(
                SELECT Sno
                FROM S
                WHERE Sdept = '电子');
```

8.

(1) CREATE VIEW Computer.
    AS
    SELECT S.Sno, Sname, Cname, Grade.
    FROM S, C, SC.
    WHERE S.Sno= SC.Cno AND C.Cno = SC.Sno AND - Sdept= '计算机'

(2) SELECT Cname, Cname.
    FROM Computer
    WHERE Grade >= 70 AND Grade <= 85.