数据库系统第二次作业

人工智能 2103601 班 2021112845 张智雄

1. 图书管理数据库

    1) DELETE

       FROM L

       WHERE B# IN (SELECT B#

       FROM B

       WHERE BNAME = '《西游记》');

    2) SELECT BNAME

       FROM L NATURAL JOIN B NATURAL JOIN S

       WHERE CLASS = '201';

    3) (SELECT DISTINCT B#

       FROM L NATURAL JOIN S

       WHERE SNAME = '小明')

       EXCEPT

       (SELECT DISTINCT B#

       FROM L NATURAL JOIN S

       WHERE SNAME = '小李');

    4) SELECT B#, COUNT(*)

       FROM L

       GROUP BY B#;

2. 学生成绩数据库

    1) SELECT *

       FROM S

       WHERE D# = '物理系'

       ORDER BY S# ASC;

    2) SELECT S#, SNAME

       FROM S

       WHERE SNAME LIKE '王%';

3) CREATE VIEW SumC

AS

SELECT S#, SNAME, Count(*) AS Count

FROM S NATURAL JOIN SC

GROUP BY S#；

4) (SELECT SNAME

FROM S

WHERE S# IN (SELECT S# FROM SC WHERE C# = '1002'))

INTERSECT

(SELECT SNAME

FROM S

WHERE S# IN (SELECT S# FROM SC WHERE C# = '1003'))

3. 学生成绩数据库（续 2）

1) SELECT DISTINCT S#, SNAME

FROM SC NATURAL JOIN S；

2) SELECT DISTINCT S#, SNAME

FROM SC NATURAL RIGHT OUTER JOIN S

WHERE C# = NULL；