

From: 105590@edu.itmo.ru

To: mirzo.zaynidinov@gmail.com

Date: 11/4/2024 8:37:36 AM

Subject: -7

-7

:

SQL.

1.

1. (*GroupId*).

2. (*GroupName*).

3. (*FacultyName*).

SQL: RC- : 2
SQL: : 2
SQL: : 2

4. .

5. 3 .

6. 3 .

2. (,)

1. , c .

2. , 2 .

3. , 2 , (FacultyName).

SQL: : 2

4. , 3 .

3. ,

1. (StudentId, StudentName).

2. (StudentId, GroupId, FromGroupId).

3. (GroupId, FromGroupId).

4. (GroupName, StudentName).

5. (GroupName, FromGroupName).

6. , (GroupName, FromGroupName).

4. ,

1. (Students.Marks) (StudentId).

2. (Students.Marks).

3. (Students.Marks) (FacultyName).

SQL: : 1

4. , NewMarks,
Marks(Students.Marks).

SQL: where: 1

5. ,

1. (Students.Marks).

SQL: where: 1

2. (Students.Debts) (StudentId).

3. (Students.Debts).

SQL: where: 1

4. (Students.Debts) (GroupName).

5. (Students.Debts) (GroupName).

SQL: RC- : 3
SQL: : 2

6. (Students.Marks, Students.Debts).

SQL: where: 1

6. , , NewMarks, , Marks

1. .

2. .

3. .

SQL: : 1

4. (,).

7.

1. StudentMarks (StudentId, Marks).

2. AllMarks ,
NewMarks(StudentId, Marks).

3. *Debts* , *(StudentId, Debts)*.

4. *StudentDebts* *(StudentId, Debts)*.

8. .

PCMS , PCMS,
PCMS + .

1. , *(NoExtraMarks) (StudentId, CourseId)*.

: join
: Plan
: Students

2. , *(SameMarks)*.
(StudentId).

3. *PreserveMarks*,
.*(StudentId)*.