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CREATE TABLE CourseAssignment (

StudentID INT,

Course VARCHAR(10),

PRIMARY KEY(StudentID,Course)

);

CREATE TABLE Students (

StudentID INT PRIMARY KEY,

name VARCHAR(50)

);

CREATE TABLE Courses(

Course VARCHAR ,

Room VARCHAR(4),

Lecturer VARCHAR(4)

PRIMARY KEY(Course));

CREATE TABLE Rooms(

Room VARCHAR(10),

Building VARCHAR(4)

PRIMARY KEY(Room));

insert into CourseAssignment (StudentID,Course)

values(1,'P');

insert into CourseAssignment (StudentID,Course)

values(2,'P');

insert into CourseAssignment (StudentID,Course)

values(3,'P');

insert into CourseAssignment (StudentID,Course)

values(2,'ET');

insert into CourseAssignment (StudentID,Course)

values(4,'ET');

insert into CourseAssignment (StudentID,Course)

values(5,'ET');

insert into CourseAssignment (StudentID,Course)

values(2,'RT');

insert into CourseAssignment (StudentID,Course)

values(4,'RT');

insert into Students (StudentID,Name)

values(1,'Bernd');

insert into Students (StudentID,Name)

values(2,'Brite');

insert into Students (StudentID,Name)

values(3,'Björn');

insert into Students (StudentID,Name)

values(4,'Karin');

insert into Students (StudentID,Name)

values(5,'Jo');

insert into Courses (Course,Room,Lecturer)

values('P','G1','LD');

insert into Courses (Course,Room,Lecturer)

values('ET','E1','WK');

insert into Courses (Course,Room,Lecturer)

values('RT','H44','LG');

insert into Rooms (Room,Building)

values('G1','HPH');

insert into Rooms (Room,Building)

values('E1','HPH');

insert into Rooms (Room,Building)

values('H44','ML');

SELECT \*

FROM Courses;

SELECT DISTINCT Course.course,Course.Room,Rooms.building

FROM Courses

LEFT OUTER JOIN Rooms ON (Course.Room=Rooms.Room);

Select CourseAssinment.StudentID,Students.Name,Courses.Course,Courses.Room,Rooms.Building,Courses.Lecturer

From CourseAssinments

LEFT JOIN Students ON (CourseAssinments.StudentID=Students.StudentID)

LEFT JOIN Courses ON (CourseAssinments.Course=Courses.Course)

LEFTJOIN Rooms ON (Courses.Room=Rooms.Room);

Select CourseAssinment.StudentID,Students.Name,Courses.Course,Courses.Room,Rooms.Building,Courses.Lecturer

From CourseAssinments

LEFT JOIN Students ON (CourseAssinments.StudentID=Students.StudentID)

LEFT JOIN Courses ON (CourseAssinments.Course=Courses.Course)

LEFTJOIN Rooms ON (Courses.Room=Rooms.Room)

ORDER BY Course.Course;

Select CourseAssinment.StudentID,Students.Name,Courses.Course,Courses.Room,Rooms.Building,Courses.Lecturer

From CourseAssinments

LEFT JOIN Students ON (CourseAssinments.StudentID=Students.StudentID)

LEFT JOIN Courses ON (CourseAssinments.Course=Courses.Course)

LEFTJOIN Rooms ON (Courses.Room=Rooms.Room)

ORDER BY CourseAssignment.StudentID;

Select CourseAssinment.Course,count(CourseAssinment.StudentID)

FROM CourseAssinment

GROUP BY Course;

Keine Ahnung zu Teilaufgabe 7

UPDATE CoursAssinment SET Courses='ET'

WHERE StudentID=4 AND Course='RT';

DELETE FROM CourseAssinments

WHERE (StudentID=4 AND Course='RT');

%hatte Ausführungsprobleme. Syntax mit CREATE TABLE??