

# Lab3 SQL2 Labor complaint about the grading

## Question:

2.5. feladat (2p) In descending order, list the names of those students who have not even registered for a single subject.

## Answer

### Evaluator

```
SELECT name
FROM students
LEFT JOIN enrollments
ON student_id = student
WHERE student IS NULL
ORDER BY name DESC;
```

### Mine

```
SELECT s.name
FROM students s, enrollments e
WHERE s.student_id=e.student(+)
GROUP BY s.name
HAVING COUNT(e.subject)=0
ORDER BY name DESC;
```

The evaluator's solution works as intended, and mine, although different, is also valid solution. I count for each student how many subjects they are enrolled into and then display them who are enrolled for 0 subjects. I know my solution is not the most efficient one but it is not wrong.

## Question:

2.8. feladat (3p, amiből (i) 1p) List the codes and names of all subjects. In the case of subjects for which any of the students registered for the first time, list the suggested exam date(s) as well. The order of columns should be: neptuncode, subjectname, examdate.

## Answer

### Evaluator

The right way of doing this would have been like this: LEFT JOIN enrollments ON (subject\_id = subject AND firstenroll = 1) The selection should've come before the join.

What the evaluator really ment by his answer is very hard to understand but I suppose he wanted this:

```
SELECT
    s.neptuncode,
    s.subjectname,
    e.examdate
FROM
    subjects s,
    enrollments e
```

```
WHERE
s.subject_id = e.subject(+)
AND e.firstenroll=1;
```

## Mine

```
SELECT
s.neptuncode,
s.subjectname,
CASE
  WHEN SUM(e.firstenroll) >= 1 THEN
    MIN(e.examdate)
  ELSE NULL
END AS examdate
FROM
subjects s,
enrollments e
WHERE
s.subject_id = e.subject(+)
GROUP BY
s.neptuncode,
s.subjectname;
```

The problem with the solution of the evaluator is that it doesn't fulfill the requirement from the exercise. It is mentioned `In the case of subjects for which any of the students registered for the first time, list the suggested exam date(s) as well.` which implies that if there are subject where none of the students registered for the first time then the value should be of the exam date should be null. The evaluator solution doesn't fulfil that. Secondly, the specification is not clear and I have a long discussion on what date should I list with the lab tutor.



**Klevis Imeri** <klevisimeri11@gmail.com>  
to Barbova ▾

Thank you for your response, but my question really stands in what do they want in the valid value field. Do they want one date or do they want several dates?



**Barbova Tatiana** <tatiana.barbova@edu.bme.hu>  
to me ▾

One date. The EARLIEST date.

As you can see I only list the earliest date. My solution precisely does what mentioned above.