

- a. Computer Science 학부 과목을 한 과목이라도 수강하고 있는 모든 학생의 ID와 이름을 출력하세요. (단, 중복을 제거하여 출력해주세요)

```
7      -- a
8      • select s.id, s.name
9      from student as s
10     where s.id in(select distinct id
11                   from takes
12                   where course_id in (select course_id
13                                     from course
14                                     where dept_name = 'Comp. Sci.'))
15     order by 1 asc;
```

16

Result Grid | Filter Rows: | Export:

	id	name
▶	1000	Manber
	10076	Duan
	1018	Colin
	10204	Mediratta
	10481	Grosch
	10527	Kieras
	10556	Reed
	10663	Okaf
	10693	Zabary
	107	Shabuno
	10705	Terauchi
	10736	Veselovsky
	108	Dhav
	1080	Xue

- b. “CS-001”를 id 로 가지고, “Weekly Seminar”가 title 인 1 학점짜리 과목을 새로 신설해보세요.

```
41      -- b
42 •   insert into course(course_id,title,dept_name,credits)
43      values('CS-001','Weekly Seminar','Comp. Sci.',3);
44
45 •   select *
46      from course
47      where course_id='CS-001';
48
```

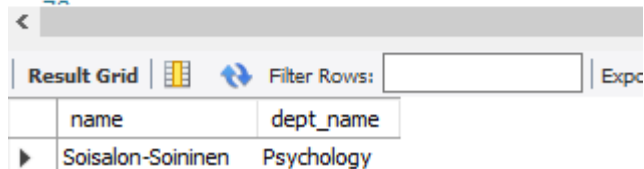
< Result Grid | Filter Rows: | Edit: | Export/

	course_id	title	dept_name	credits
▶	CS-001	Weekly Seminar	Comp. Sci.	3
*	NULL	NULL	NULL	NULL

- c. Computer Science 학부생 전원을 sec_id가 1인 2017년도 가을학기 세션에 등록시켜주세요. (HINT. University ERD도 참고해보세요)

- d. 각 학부별로 가장 많은 연봉을 가진 instructor중에서 가장 연봉이 낮은 instructor의 name과 dept_name을 찾아주세요.

```
69 • select name,dept_name
70     from instructor as i
71     where i.salary =(select min(salary)
72                       from instructor
73                       where salary in (
74                                   select max(salary)
75                                   from instructor
76                                   group by dept_name));
77
```

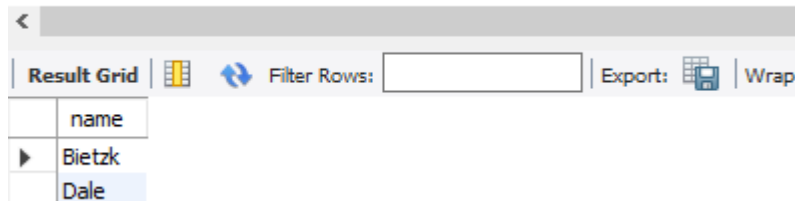


The screenshot shows a SQL query result in a 'Result Grid' window. The window has a 'Filter Rows' field and an 'Export' button. The result table has two columns: 'name' and 'dept_name'. The first row shows 'Soisalon-Soininen' in the 'name' column and 'Psychology' in the 'dept_name' column.

name	dept_name
Soisalon-Soininen	Psychology

- e. 2008년도 가을학기에 수업을 진행하는 모든 instructor를 찾아주세요.

```
91 • select name from instructor
92     where id in (
93                 select id from teaches
94                 where course_id = (
95                                 select course_id from section
96                                 where year=2008 and semester='Fall')));
97
```



The screenshot shows a SQL query result in a 'Result Grid' window. The window has a 'Filter Rows' field, an 'Export' button, and a 'Wrap' button. The result table has one column: 'name'. The first two rows show 'Bietzk' and 'Dale' in the 'name' column.

name
Bietzk
Dale

- f. 2017년도 기준 물리학부에 재학중인 모든 학생을 찾아주세요.

```
95 • select name
96 from student
97 where dept_name='Physics' and
98 id in (
99     select distinct id from takes
100     where year=2007
101 );
102
```

Result Grid	
name	
▶ Kieras	
Terauchi	
Allard	
Malagoli	
Patrick	
Kirtane	
Formisano	
Arinb	
Kangs	
Koch	

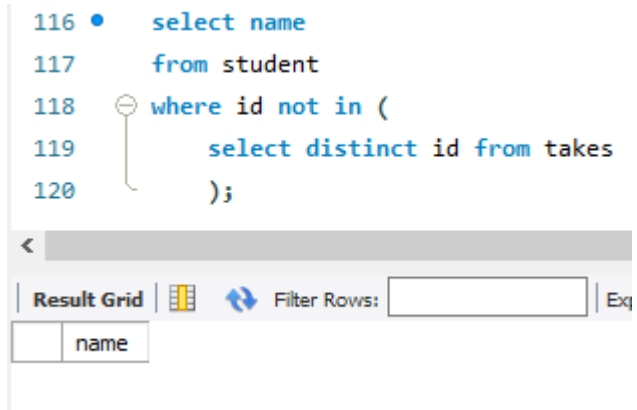
- g. 컴퓨터공학 강사 Lee가 담당하고 있는 학생들 중 다른 학부 학생을 모두 찾아주세요.

```
104 -- g
105 • select name
106 from student
107 where dept_name <> 'Comp. Sci.' and id = (
108     select s_id
109     from advisor
110     where i_ID = (
111         select id from instructor
112         where name='%Lee%'
113     ));
```

Result Grid	
name	

- h. 이 때까지 한번도 과목을 수강한 적이 없는 모든 학생의 ID와 name을 출력해주세요.

```
116 • select name
117     from student
118     where id not in (
119         select distinct id from takes
120     );
```



< Result Grid Filter Rows: Ex

name
