

Ejercicios en clase

```
SELECT COUNT(*)  
FROM course  
WHERE prerequisite IS NULL;
```


```
SELECT course_no, description, cost, prerequisite  
FROM course  
ORDER BY 4;
```

```
SELECT COUNT(DISTINCT student_id)  
FROM enrollment;
```

```
SELECT AVG(NVL(cost, 0))  
FROM course;
```

```
SELECT AVG(COALESCE(cost, 0))  
FROM course;
```


```
SELECT MAX(enroll_date)  
FROM enrollment;
```



```
col "Location" format a6
col instructor_id format 9999
col "Total Locations" format 9999
col "Total Capacity" format 9999
SELECT location "Location", instructor_id,
COUNT(location) "Total Locations",
SUM(capacity) "Total Capacity"
FROM section
GROUP BY location, instructor_id
HAVING SUM(capacity) > 50
ORDER BY "Total Capacity" DESC;
```

```
SELECT location "Location", instructor_id,
COUNT(location) "Total Locations",
SUM(capacity) "Total Capacity"
FROM section
GROUP BY location, instructor_id
HAVING SUM(capacity) > 65
ORDER BY "Total Capacity" DESC;
```

```
SELECT location "Location", instructor_id,
COUNT(location) "Total Locations",
SUM(capacity) "Total Capacity"
FROM section
GROUP BY location, instructor_id
HAVING SUM(capacity) > 65
ORDER BY "Total Capacity" DESC, 1;
```



```
SELECT location "Location", instructor_id,  
COUNT(location) "Total Locations",  
SUM(capacity) "Total Capacity"  
FROM section  
GROUP BY location, instructor_id  
HAVING SUM(capacity) > 65  
ORDER BY "Total Capacity" DESC, 1, 2;
```

```
SELECT prerequisite, COUNT(*)  
FROM course  
GROUP BY prerequisite  
HAVING COUNT(*)>2  
ORDER BY prerequisite;
```

```
SELECT prerequisite, COUNT(*)  
FROM course  
GROUP BY prerequisite  
HAVING COUNT(*)>1  
ORDER BY prerequisite;
```

```
SELECT prerequisite, COUNT(*)  
FROM course  
GROUP BY prerequisite  
HAVING COUNT(*)>1  
ORDER BY COUNT(*),prerequisite;
```

```
SELECT prerequisite, COUNT(*)  
FROM course  
GROUP BY prerequisite  
HAVING COUNT(*)>1  
ORDER BY COUNT(*),1;
```

```
SELECT prerequisite, COUNT(*)  
FROM course  
GROUP BY prerequisite  
HAVING COUNT(*)>1  
ORDER BY COUNT(*),1 desc;
```

```
SELECT prerequisite, COUNT(*)  
FROM course  
GROUP BY prerequisite  
ORDER BY prerequisite;
```

```
rem [Rischert, 2004, 321]  
SELECT student_id, COUNT(*)  
FROM enrollment  
GROUP BY student_id  
HAVING COUNT(*) > 2;
```

```
SELECT course_no "Course #",  
AVG(capacity) "Avg. Capacity",  
ROUND(AVG(capacity)) "Rounded Avg. Capacity"  
FROM section  
GROUP BY course_no;
```

```
SELECT course_no "Course #",  
AVG(capacity) "Avg. Capacity",  
ROUND(AVG(capacity)) "Rounded Avg. Capacity"  
FROM section  
GROUP BY course_no  
HAVING COUNT(*) = 2;
```

