# 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;