SQL Databases Exercises	3,2,3
Problems 3.1.1 to 3.2.7	SELECT *
	FROM lecturing
Exercise Sheet 1	WHERE year = $2000 \text{ OR year} >= 2002$
3.1.1	ORDER BY cid
SELECT COUNT(*)	;
AS "No. Records in LECTURING"	3.2.4a
FROM lecturing	SELECT firstname, lastname, office
SELECT COUNT(*)	FROM staff
AS "No. Records in COURSES"	WHERE office IN (
FROM courses	SELECT office
<u>;</u>	FROM staff
SELECT COUNT(*)	WHERE office IS NOT NULL
AS "No. Records in STAFF" FROM staff	GROUP BY office HAVING COUNT(*) > 1
;)
,	ORDER BY office
3.1.2	;
SELECT sid, firstname, lastname	
FROM staff	-3.2.4b
WHERE office > 199	SELECT office FROM staff
;	WHERE office IS NOT NULL
3.1.3	EXCEPT ALL
SELECT office, phone, lastname	SELECT DISTINCT office
FROM staff	FROM staff
WHERE firstname = 'Mark'	ORDER BY office
;	;
3.1.4	3.2.5
SELECT firstname, lastname, phone	SELECT cid, AVG(numbers)
FROM staff	AS "Average Numbers" ,
WHERE office > 100	MAX(year) AS "Last Year Given"
ORDER BY firstname DESC	FROM lecturing
;	WHERE year > 2000 GROUP BY cid
3.1.5	ORDER BY cid
SELECT sid	;
FROM staff	,
WHERE title <> 'Prof'	3.2.6
ORDER BY sid	SELECT cid, AVG(numbers)
;	AS "Average Numbers",
Exercise Sheet 2	<pre>MAX(year) AS "Last Year Given", COUNT(sid) AS "No. Lecturers"</pre>
3.2.1	FROM lecturing
SELECT cid	WHERE year > 2000
FROM courses	GROUP BY cid
WHERE level > 1 AND level < 4 AND	HAVING COUNT(sid) > 1
semester = 1	ORDER BY cid
;	;
3.2.2	3.2.7
SELECT firstname, lastname, office,	SELECT bc, MIN(mark)
phone	FROM allmarks04
FROM staff	WHERE mark >= 40
WHERE phone IS NULL	GROUP BY bc HAVING MIN(mark) > 5 +
AND office IS NOT NULL :	(SELECT AVG(mark) FROM allmarks04)
,	;