PARCIALITO SQL

BASE DE DATOS

Catedra Mariano Beiró

Gonzalo Leonel Petraglia - 97811

Ejercicio 1

```sql
SELECT a.padron, n.nota
FROM alumnos a LEFT OUTER JOIN notas n
ON a.padron = n.padron
AND n.numero = 14
AND n.codigo = 71;
```

Ejercicio 2

```sql
SELECT codigo, numero, MAX(nota)
FROM notas
GROUP BY codigo, numero;
```

Ejercicio 3

```sql
SELECT nombre
FROM materias m
WHERE EXISTS (SELECT 1
             FROM notas n
             WHERE n.nota >=4
             AND n.padron = 71000
             AND n.codigo = m.codigo
             AND n.numero = m.numero)
AND EXISTS  (SELECT 1
             FROM notas n
             WHERE n.nota >=4
             AND n.padron = 73000
             AND n.codigo = m.codigo
             AND n.numero = m.numero);
```

Ejercicio 4

```sql
SELECT apellido, padron
FROM alumnos a
WHERE NOT EXISTS
  (SELECT 1
   FROM materias m
   WHERE NOT EXISTS
     (SELECT 1
      FROM notas n
      WHERE n.numero = m.numero
      AND n.codigo = m.codigo
      AND n.padron = a.padron
      AND n.nota >= 4
      )
);
```

Ejercicio 5

```sql
SELECT padron, apellido, COUNT(1)
FROM alumnos a NATURAL JOIN notas n
GROUP BY padron, apellido
HAVING AVG(nota) > 5;
```