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Tarea 13

Crear, guardar los datos de las siguientes tablas y realizar las operaciones que se indican en el manejador.

R1

A	X	B	Y
7	2	6	11
3	4	9	15
10	7	2	4
1	12	2	11

R2

B	W	D	Y	A	Z
2	5	6	11	1	30
4	7	8	4	7	8
9	10	11	28	5	12

- Creación y registros de cada tabla

```
create table R1(
        a smallint,
        x smallint,
        b smallint,
        y smallint
);
```

```
create table R2(
        b smallint,
        w smallint,
        d smallint,
        y smallint,
        a smallint,
        z smallint
);
```

```
insert into R1
values
(7,2,6,11),(3,4,9,15),(10,7,2,4),(1,12,2,11);
```

```
insert into R2
values
(2,5,6,11,1,30),(4,7,8,4,7,8),(9,10,11,28,5,12);
```

- R1 X R2

*SELECT **

FROM R1

CROSS JOIN R2;

	a smallint	x smallint	b smallint	y smallint	b smallint	w smallint	d smallint	y smallint	a smallint	z smallint
1	7	2	6	11	2	5	6	11	1	30
2	7	2	6	11	4	7	8	4	7	8
3	7	2	6	11	9	10	11	28	5	12
4	3	4	9	15	2	5	6	11	1	30
5	3	4	9	15	4	7	8	4	7	8
6	3	4	9	15	9	10	11	28	5	12
7	10	7	2	4	2	5	6	11	1	30
8	10	7	2	4	4	7	8	4	7	8
9	10	7	2	4	9	10	11	28	5	12
10	1	12	2	11	2	5	6	11	1	30
11	1	12	2	11	4	7	8	4	7	8
12	1	12	2	11	9	10	11	28	5	12

- R2 ⋈ R1

*SELECT **

FROM R2

NATURAL JOIN R1;

	b smallint	y smallint	a smallint	w smallint	d smallint	z smallint	x smallint
1	2	11	1	5	6	30	12

- R1 $\bowtie_{(R1.A>R2.Z\ OR\ R1.A\geq R2.W)\ AND\ R1.Y=R2.Y)}$ R2

*SELECT **

FROM R1

JOIN R2 on (R1.a>R2.z OR R1.a >= R2.w) AND R1.y = R2.y;

	a smallint	x smallint	b smallint	y smallint	b smallint	w smallint	d smallint	y smallint	a smallint	z smallint
1	10	7	2	4	4	7	8	4	7	8
2	7	2	6	11	2	5	6	11	1	30