

Inner Join

1) Display the Cartesian product of the party and candidate table

34

35 `SELECT * FROM candidate CROSS JOIN party;`

jennet	abraham	Berkeley, CA.	20000	01-FEB-60	1	4
Green	abraham	Oakland, CA.	30000	01-FEB-64	1	4
gren	cheryl	Berkeley, CA.	-	01-FEB-68	2	4
greenr	albert	Salt Lake City, UT	40000	01-FEB-70	2	4
gran	anne	Salt Lake City, UT	50000	01-FEB-61	3	4
mama	mia	pepper City, UT	60000	01-FEB-68	-	4

2) Display the lastname and the party description of each individual

35 `SELECT lname, partydesc FROM candidate c INNER JOIN party p ON c.par`

LNAME	PARTYDESC
jennet	Democrat
Green	Democrat
gren	Republican
greenr	Republican
gran	Independent

- 3) Display the last name and the party description of each individual. If there is not a party description, then display no description. (Use the NVL function)

```
37 SELECT lname, nvl(partydesc, 'No description') FROM candidate c INNER JOIN party p ON
```

LNAME	NVL(PARTYDESC, 'NODESCRIPTION')
jennet	Democrat
Green	Democrat
gren	Republican
greenr	Republican
gran	Independent

- 4) Display the number of people in each party (display party_description)

```
39 SELECT partydesc, COUNT(*) FROM candidate c INNER JOIN party p ON c.partyid = p.partyid
```

PARTYDESC	COUNT(*)
Republican	2
Democrat	2
Independent	1

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- 5) Display the number of people in each party for only those parties whose average salary is greater than 50,000. (Identify the party name)

```
41 SELECT partydesc, COUNT(*) FROM candidate c INNER JOIN party p ON c.partyid = p.partyid
42 GROUP BY partydesc HAVING AVG(salary) > 50000
```

no data found