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CSC 134
05/03/2022
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Group Union

1) Display the name and the corresponding description based on the candidates salary
   (Use union and be cautious of the types) Order by name

< 50000	Honest
>50000 and < 100000	Not so honest
>100000	80000

```
36  SELECT fname || ' ' || lname AS name,
37  'Honest' description FROM candidate WHERE salary < 50000
38  UNION
39  SELECT fname || ' ' || lname AS name,
40  'Not so honest' description FROM candidate WHERE salary > 50000 AND
41  UNION
42  SELECT fname || ' ' || lname AS name,
43  '80000' description FROM candidate WHERE salary > 100000
44  ORDER BY name;
```

NAME	DESCRIPTION
abraham Green	Honest
abraham jennet	Honest
albert greeenr	Honest

2) Display the name and the corresponding description based on the candidates salary
   (**Use a plain case statement in chapter 5**)
< 50000	Honest
>50000 and < 100000	Not so honest
>100000	80000

```
47   SELECT fname || ' ' || lname AS name, CASE
48       WHEN salary < 50000 THEN 'Honest'
49       WHEN salary > 50000 AND salary < 100000 THEN 'No
50       WHEN salary > 100000 THEN '80000'
51   END AS description FROM candidate;
```

NAME	DESCRIPTION
abraham jennet	Honest
abraham Green	Honest
cheryl gren	-
albert greeenr	Honest
anne gran	-

3) Display the name of all the people who are not associated with a party (use not in).
   This is a bit tricky because people who don't have a party_id will have a null and you
   cannot compare a null using not in because it doesn't know how to deal with non-
   data. You can put the party_id in an NVL function in the where clause to resolve this
   issue

```
54   SELECT fname || ' ' || lname AS name FROM candidate WHERE NVL(par
55   (SELECT partyid FROM candidate WHERE partyid IS NOT NULL);
```

NAME
mia mama

4) Repeat question 3 using (not exists)

```
59   SELECT fname || ' ' || lname AS name FROM candidate c WHE
60   (SELECT partyid FROM party p WHERE c.partyid = p.partyid)
```

NAME
mia mama

5) Repeat question 3 using (minus)

```
63   SELECT fname || ' ' || lname AS name FROM
64   MINUS
65   SELECT fname || ' ' || lname AS name FROM
66   WHERE partyid IS NOT NULL;
```

NAME
mia mama