GroupUnion

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

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

```
120 SELECT fname || ' ' || lname,
121     'Honest' FROM Hert_candidate WHERE salary < 50000
122 UNION
123 SELECT fname || ' ' || lname,
124     'Not so honest' FROM Hert_candidate WHERE salary > 50000 AND salary < 100000
125 UNION
126 SELECT fname || ' ' || lname,
127     '80000' FROM Hert_candidate WHERE salary > 100000;
```

Script Output ×   Query Result ×

SQL | All Rows Fetched: 4 in 0.035 seconds

	FNAME||' '||LNAME	'HONEST'
1	abraham Green	Honest
2	abraham jennet	Honest
3	albert greeenr	Honest
4	mia mama	Not so Honest

2) Display the name and the corresponding description based on the <u>candidates</u> salary **(Use a plain case statement in chapter 5)**

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

```
130 SELECT fname || ' ' || lname, CASE
131     WHEN salary < 50000 THEN 'Honest'
132     WHEN salary > 50000 AND salary < 100000 THEN 'Not so honest'
133     WHEN salary > 100000 THEN '80000'
134     END FROM Hert_candidate;
```

	FNAME||' '||LNAME	CASEWHENSALARY<50000THEN'HONEST'WHENSALARY>50000ANDSALARY<100000THEN'NOTSOHONEST'WHENSALARY>100000THEN'80000'END
1	abraham jennet	Honest
2	abraham Green	Honest
3	cheryl gren	(null)
4	albert greeenr	Honest
5	anne gran	(null)
6	mia mama	Not so Honest

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

```
137  SELECT fname || ' ' || lname FROM Hert_candidate WHERE NVL(partyid, 0) NOT IN
138  (SELECT partyid FROM Hert_candidate WHERE partyid is not NULL);
```

Script Output ✕   ▶ Query Result ✕

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⬍ FNAME||"||LNAME
1 mia mama

4) Repeat question 3 using (not exists)

```
141  SELECT fname || ' ' || lname FROM Hert_candidate WHERE not exists
142  (SELECT partyid FROM Hert_party WHERE Hert_candidate.partyid =
143  Hert_party.partyid);
```

Script Output ✕   ▶ Query Result ✕

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⬍ FNAME||"||LNAME
1 mia mama

5) Repeat question 3 using (minus)

```
146  SELECT fname || ' ' || lname FROM Hert_candidate
147  MINUS
148  SELECT fname || ' ' || lname FROM Hert_candidate
149  WHERE partyid IS NOT NULL;
```

Script Output ✕   ▶ Query Result ✕

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⬍ FNAME||"||LNAME
1 mia mama