

## Group By

Note: Display the party code, not the party description in each of the following

1) Display the number of people in each party. Order by Party. (Make sure to display the party\_code)

```
51 | SELECT partyid, COUNT(*) AS people_count FROM Hert_candidate GROUP by partyid;
```

Script Output x


Query Result x


SQL | All Rows Fetched: 4 in 0.111 seconds





	PARTYID	PEOPLE_COUNT
1	1	2
2	2	2
3	(null)	1
4	3	1

2) Display the number of people in each party whose first name starts with d or r. (Make sure to display the party\_code)



```
54 | SELECT partyid, COUNT(*) AS people_count FROM Hert_candidate WHERE fname LIKE 'd%' OR fname LIKE 'r%' GROUP by partyid;
```

 Script Output x

 Query Result x





SQL | All Rows Fetched: 0 in 0.04 seconds





 PARTYID	 PEOPLE_...
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3) Display the average salary for each party (Make sure to display the party\_code)

```
57 | SELECT partyid, avg(salary) FROM Hert_candidate GROUP by partyid;
```


Script Output


Query Result





SQL | All Rows Fetched: 4 in 0.054 seconds

	PARTYID	AVG(SALARY)
1	1	325000
2	2	340000
3	(null)	360000
4	3	350000

4) Display the number of people in each party where the number of people does not exceed 2

```
60 SELECT partyid, count(*) AS people FROM Hert_candidate GROUP BY partyid HAVING COUNT(*) < 2;
```


Script Output x
 Query Result x


SQL | All Rows Fetched: 2 in 0.043 seconds





	⚙ PARTYID	⚙ PEOPLE
1	(null)	1
2	3	1



5) Display the average salary for each party where the average does not exceed 50000

```
63 SELECT partyid, AVG(salary) FROM Hert_candidate GROUP BY partyid HAVING AVG(salary)<50000;
```

 Script Output x


 Query Result x


    All Rows Fetched: 0 in 0.047 seconds

 PARTYID	 AVG(SALA...
---	---

6) Create a new table called candidate2 that contains the number of people in each party. Should contain the partycode and the number of people (CAUTION, you have to use an alias for this to work)

66 `CREATE TABLE Hert_candidate2 AS SELECT partyid, COUNT(*) AS people_count FROM Hert_candidate GROUP by partyid;`

 Script Output x

 Query Result x



| Task completed in 0.053 seconds

`table HERT_CANDIDATE2 created.`