

## GroupSelect

0) Copy and paste the data from PoliticalCandidate.txt

1) Display the records in the candidate table such that first name, last name and dob appear as one single column with a column alias named (full information). Place a comma as a separator between each field. Also make sure that you upper case the first letter of both the first and last name. (Use the concat function or the || symbols)  
e.g. John,James,01 Feb 90

Worksheet Query Builder

```
SELECT CONCAT(INITCAP(fname), CONCAT(',', CONCAT(INITCAP(lname), CONCAT(',', dob)))) "Full Information" FROM candidate;
```

Script Output x Query Result x

SQL All Rows Fetched: 6 in 0.039 seconds

	Full Information
1	Abraham, Jennet, 01-FEB-60
2	Abraham, Green, 01-FEB-64
3	Cheryl, Gren, 01-FEB-68
4	Albert, Greenr, 01-FEB-70
5	Anne, Gran, 01-FEB-61
6	Mia, Mama, 01-FEB-68

2) Display the name and age of each of the candidates. (You have to calculate the age using the various date functions based on date of birth)

Worksheet Query Builder

```
SELECT fname, lname AS name, TRUNC(MONTHS_BETWEEN(sysdate, dob)/12) AS age FROM candidate;
```

Script Output x Query Result x

SQL All Rows Fetched: 6 in 0.027 seconds

	FNAME	NAME	AGE
1	abraham	jennet	63
2	abraham	Green	59
3	cheryl	gren	55
4	albert	greenr	53
5	anne	gran	62
6	mia	mama	55

3) Display the last name of all the candidates. Make sure that no duplicate last names are displayed

Worksheet   Query Builder

```
SELECT DISTINCT lname FROM candidate;
```

Script Output x   Query Result x

SQL | All Rows Fetched: 6 in 0.028 seconds

	LNAME
1	greenr
2	jennet
3	Green
4	mama
5	gran
6	gren

4) Display the first name of all the candidates who are greater than 40 years old

Worksheet   Query Builder

```
SELECT fname FROM candidate WHERE MONTHS_BETWEEN(sysdate, dob)/12 > 40;
```

Script Output x   Query Result x

SQL | All Rows Fetched: 6 in 0.034 seconds

	FNAME
1	abraham
2	abraham
3	cheryl
4	albert
5	anne
6	mia

5) Display the first name of all the candidates whose salary is null, as well as salaries that are between 20,000 and 40,000

Worksheet   Query Builder

```
SELECT fname FROM candidate WHERE salary IS NULL OR salary BETWEEN 2
```

Script Output x   Query Result x

SQL | All Rows Fetched: 4 in 0.038 seconds

	FNAME
1	abraham
2	abraham
3	cheryl
4	albert

6) Display the first name of all the candidates that begin with the character 'C' regardless of case and are older than 40 years old

Worksheet   Query Builder

```
SELECT fname FROM candidate WHERE UPPER(fname) LIKE 'C%' AND TRUNC(MONTHS_BETWEEN(sysdate, dob)/12) > 40;
```

Script Output x   Query Result x

SQL | All Rows Fetched: 1 in 0.036 seconds

	FNAME
1	cheryl