

Youser Alalusi

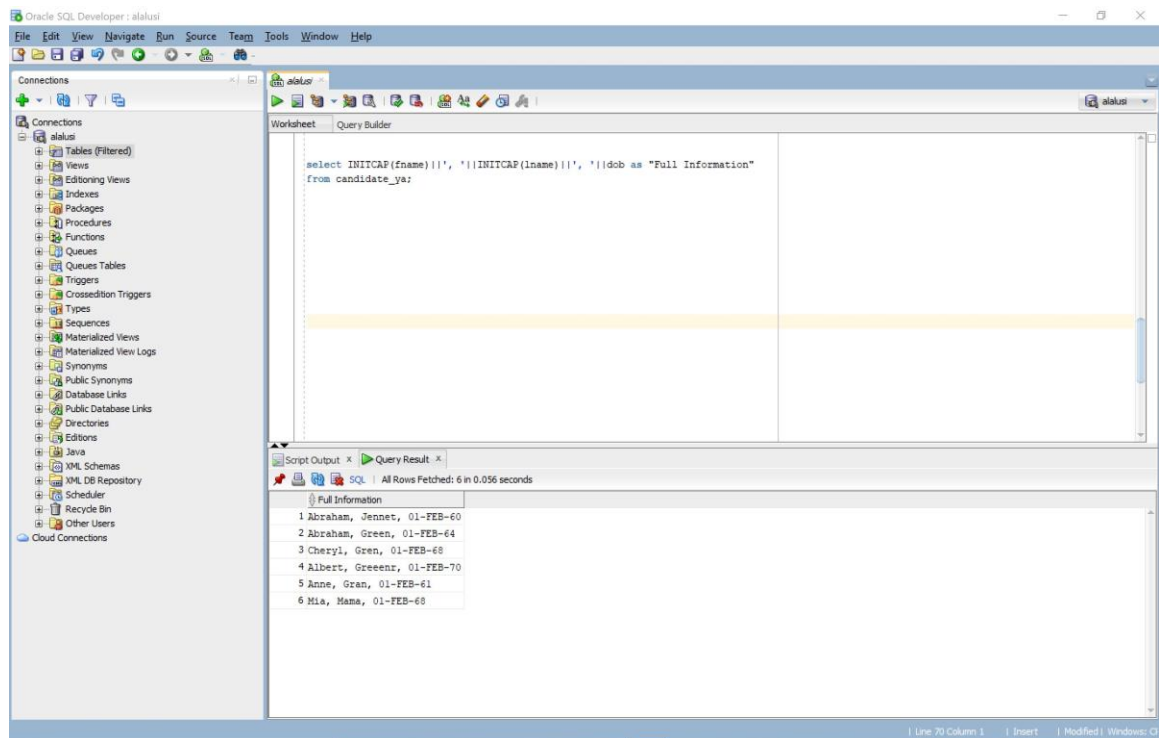
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CSC134-04

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

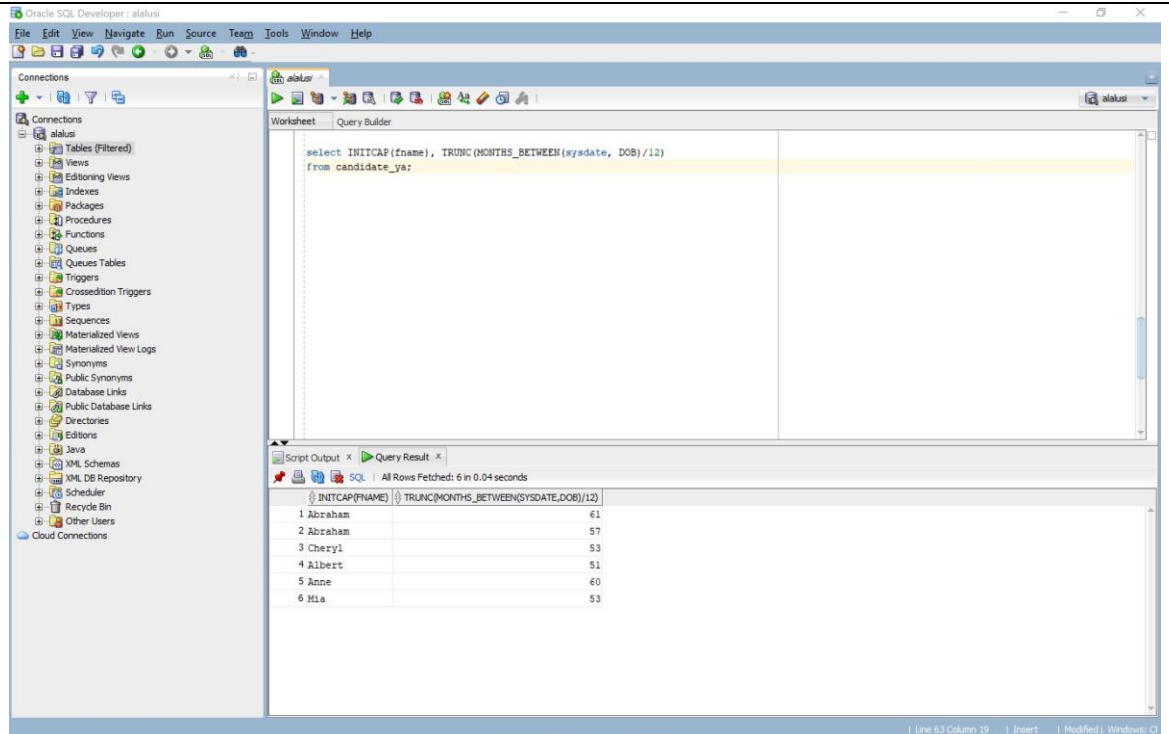


2) Display the name and age of each of the candidates. (You have to calculate the age using the various date functions based on date of birth)

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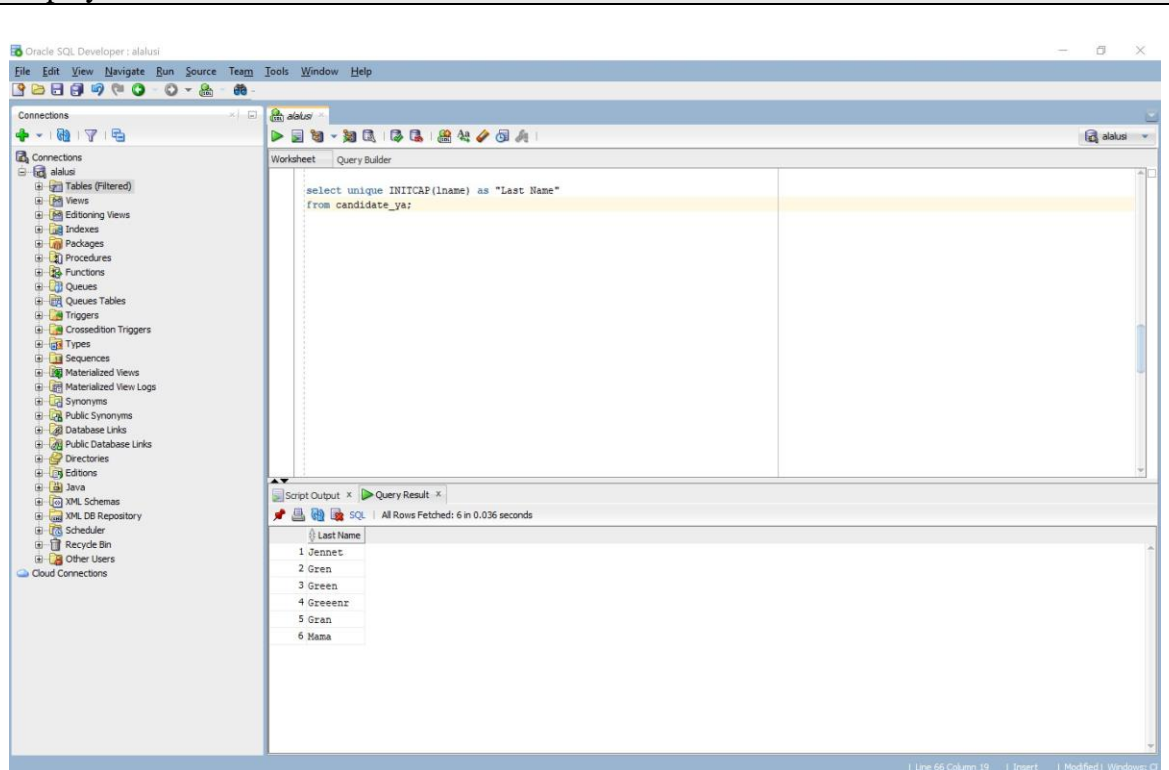
The screenshot shows the Oracle SQL Developer interface. The left pane displays the 'Connections' tree with 'alalusi' selected. The main workspace shows a SQL query in the 'Worksheet' tab:

```
select INITCAP(fname), TRUNC(MONTHS_BETWEEN(sysdate, DOB)/12)
from candidate_ya;
```

The 'Query Result' tab shows the output of the query:

INITCAP(FNAME)	TRUNC(MONTHS_BETWEEN(SYSDATE,DOB)/12)
1 Abraham	61
2 Abraham	57
3 Cheryl	53
4 Albert	51
5 Anne	60
6 Mia	53

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



The screenshot shows the Oracle SQL Developer interface. The left pane displays the 'Connections' tree with 'alalusi' selected. The main workspace shows a SQL query in the 'Worksheet' tab:

```
select unique INITCAP(lname) as "Last Name"
from candidate_ya;
```

The 'Query Result' tab shows the output of the query:

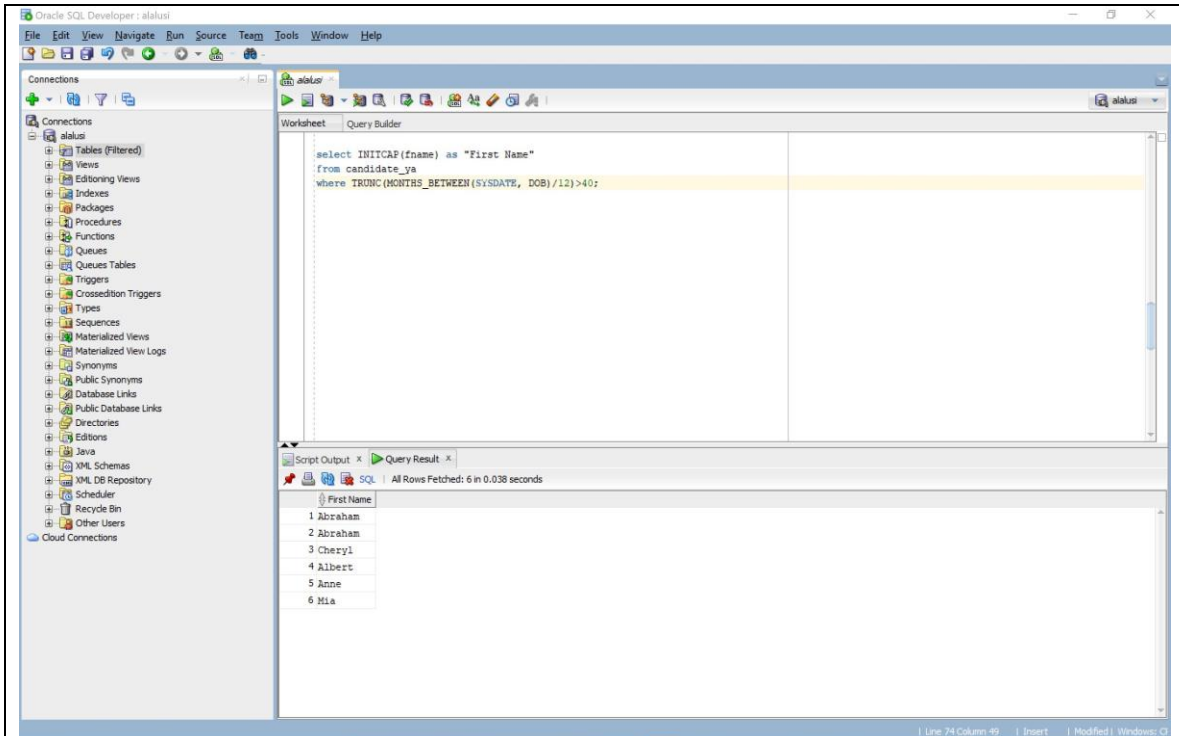
Last Name
1 Dennet
2 Oen
3 Green
4 Greenr
5 Gran
6 Nama

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

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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

```
select INITCAP(fname) as "First Name", salary_ya
from candidate_ya
where salary_ya between 20000 and 40000 or salary_ya = NULL;
```

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

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The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows a tree view of database objects for the 'alalusi' connection, including Tables (Filtered), Views, Editing Views, Indexes, Packages, Procedures, Functions, Queues, Queues Tables, Triggers, Crossed Join Triggers, Types, Sequences, Materialized Views, Materialized View Logs, Synonyms, Public Synonyms, Database Links, Public Database Links, Directories, Editions, Java, XML Schemas, XML DB Repository, Scheduler, Recycle Bin, and Other Users. The main workspace is divided into 'Worksheet' and 'Query Builder' tabs. The 'Worksheet' tab is active, showing a SQL query:

```
SELECT INITCAP(fname) as "First Name"
from candidate_ya
where fname like 'c%' and TRUNC(MONTHS_BETWEEN(SYSDATE, DOB)/12)>40;
```

 Below the query, the 'Query Result' pane shows the output of the query. It has a tab labeled 'First Name' and displays a single row with the value 'Cheryl'.

First Name
Cheryl