

1. Write an SQL query to print details of the Workers who have joined in Feb'2014.

Ans:

The screenshot shows the SQL Developer interface with a query window titled 'Query 1'. The query is:

```
1 • SELECT * FROM Worker
2 WHERE MONTH(JOIN_DATE) = 2 and YEAR(JOIN_DATE)=2014
3
```

Below the query window, the 'Result Grid' is displayed, showing a single row of data:

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	JOB_ID	SALARY	JOIN_DATE
205	Shelley	Higgins	SHIGGINS@ineuron.com	151238080	AC_MGR	12008	2014-02-12

The status bar at the bottom indicates 'Worker 48 x' and 'Read Only'.

2. Write an SQL query to fetch duplicate records having matching data in some fields of a table.

Ans:

The screenshot shows the SQL Developer interface with a query window titled 'Query 1'. The query is:

```
1 • SELECT JOB_ID, count(*) FROM worker GROUP BY JOB_ID HAVING COUNT(*) > 1;
```

Below the query window, the 'Result Grid' is displayed, showing two rows of data:

JOB_ID	count(*)
SH_CLERK	2

The status bar at the bottom indicates 'Result 50 x' and 'Read Only'.

3. How to remove duplicate rows from Employees table.

Ans:

The screenshot shows the SQL Developer interface with a query window titled 'Query 1'. The query is:

```
1 • DELETE c1 FROM worker c1
2 INNER JOIN worker c2
3 WHERE
4 c1.EMPLOYEE_ID = c2.EMPLOYEE_ID
```

Below the query window, the 'Output' window is displayed, showing the execution results:

#	Time	Action	Message	Duration / Fetch
275	15:10:46	DELETE FROM Worker WHERE EMPLOYEE_ID NOT IN (SELECT MA...	Error Code: 1093. You can't specify target table 'Worker' for update in FROM clause	0.016 sec
276	15:12:00	DELETE c1 FROM worker c1 INNER JOIN worker c2 WHERE c1.EMPLOYEE_ID...	10 row(s) affected	0.047 sec

The status bar at the bottom indicates 'Context Help' and 'Snippets'.