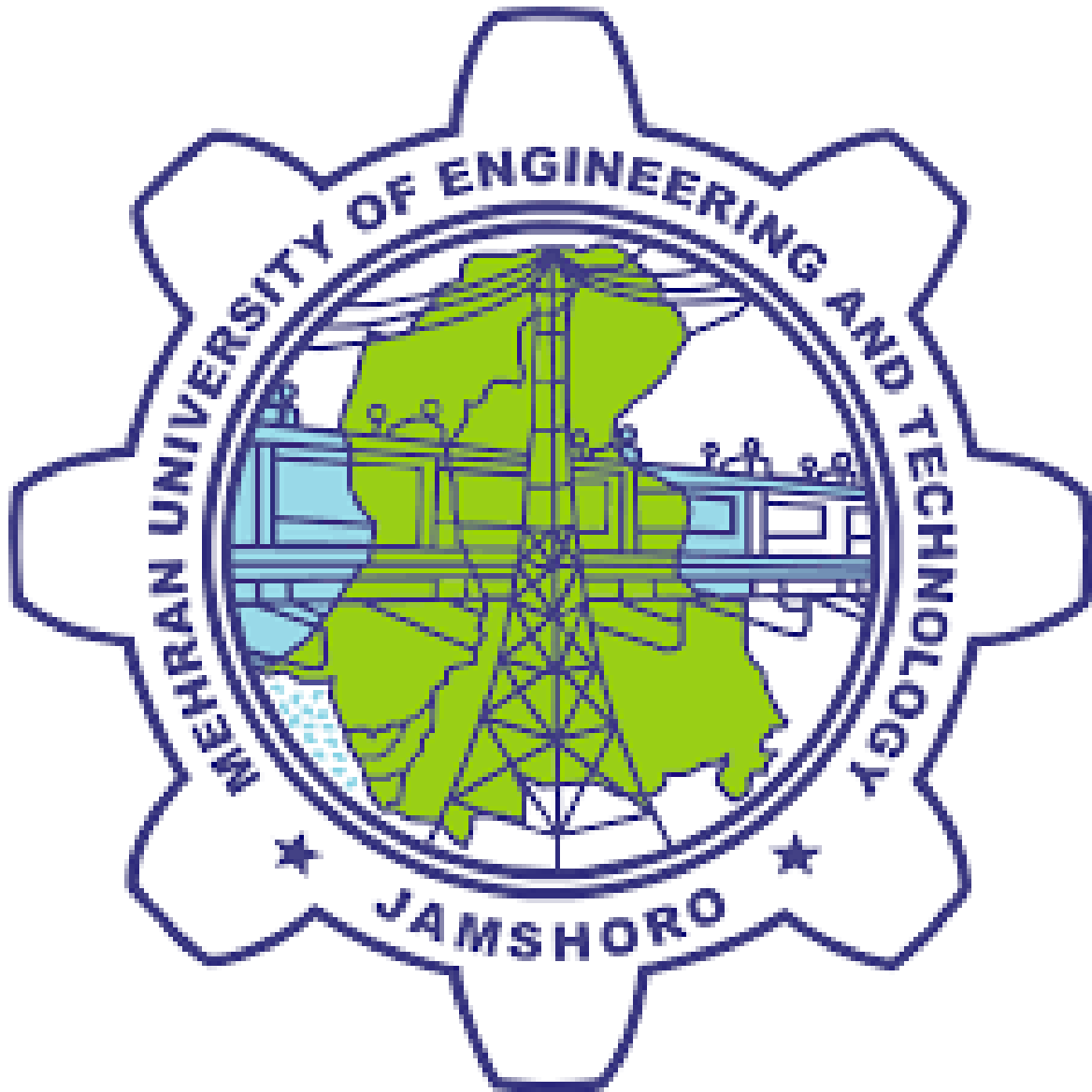


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Subject: DBS



1. Write a query that displays employees whose job is same as that of employee 7369 and whose salary is greater than that of employee 7876.

The screenshot shows the Oracle SQL Developer interface. The 'Query Builder' tab is active, displaying the following SQL query:

```
SELECT * FROM emp WHERE job=(SELECT job FROM emp WHERE empno=7369)
AND sal>(SELECT sal FROM emp WHERE empno=7876);
```

The 'Query Result' tab shows the execution results. The status bar indicates 'All Rows Fetched: 1 in 0.034 seconds'. The result is displayed in a table with the following columns: EMPNO, ENAME, JOB, MGR, HIREDATE, SAL, COMM, and DEPTNO.

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7934	MILLER	CLERK	7782	23-JAN-82	1300	(null)	10

2. Write a query that displays all the departments that have a minimum salary greater than that of department 30.

The screenshot shows the Oracle SQL Developer interface. The 'Query Builder' tab is active, displaying the following SQL query:

```
SELECT deptno FROM emp GROUP By deptno HAVING MIN(sal)>(SELECT MIN(sal)
FROM emp GROUP BY deptno HAVING deptno=30);
```

The 'Query Result' tab shows the execution results. The status bar indicates 'All Rows Fetched: 1 in 0.007 seconds'. The result is displayed in a table with the following columns: DEPTNO.

DEPTNO
10

3. Find the job with the lowest average salary.

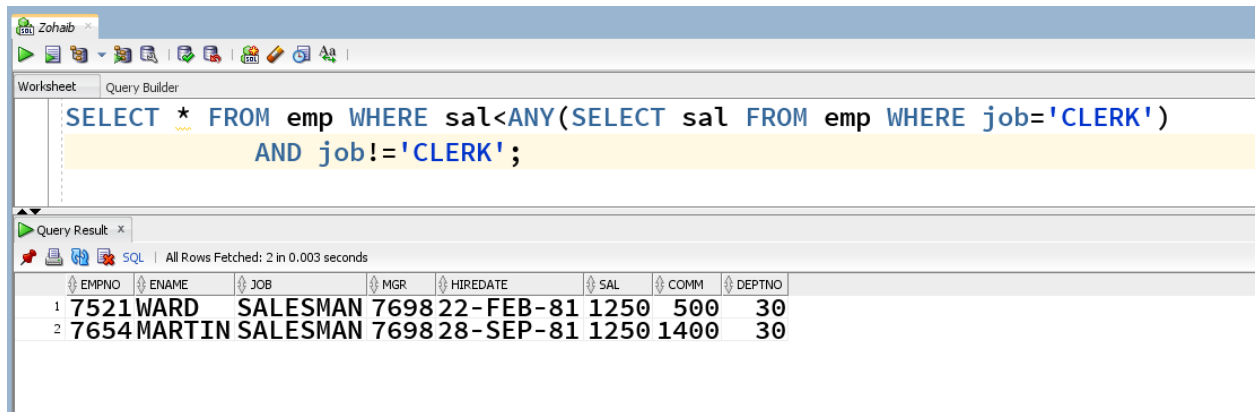
The screenshot shows the Oracle SQL Developer interface. The 'Query Builder' tab is active, displaying the following SQL query:

```
SELECT job FROM emp GROUP BY job HAVING
AVG(sal)=(SELECT Min(AVG(sal)) FROM emp GROUP BY job);
```

The 'Query Result' tab shows the execution results. The status bar indicates 'All Rows Fetched: 1 in 0.006 seconds'. The result is displayed in a table with the following columns: JOB.

JOB
CLERK

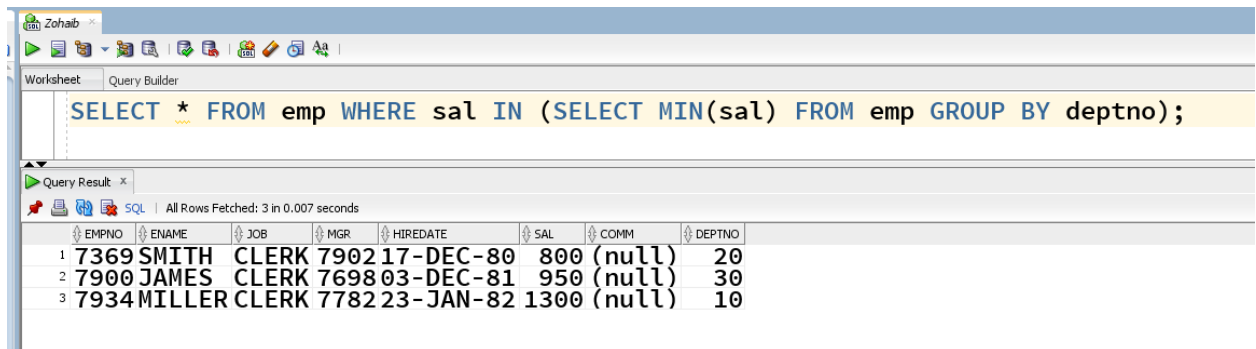
4. Write a SQL statement that displays all the employees whose salary is less than any CLERK and who are not CLERK.



The screenshot shows a SQL Developer window with a query in the 'Query Builder' tab. The query is: `SELECT * FROM emp WHERE sal < ANY(SELECT sal FROM emp WHERE job = 'CLERK') AND job != 'CLERK';`. The 'Query Result' tab shows 2 rows fetched in 0.003 seconds. The results are as follows:

	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
2	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30

5. Find the employees who earn same salary as the minimum salary for departments.



The screenshot shows a SQL Developer window with a query in the 'Query Builder' tab. The query is: `SELECT * FROM emp WHERE sal IN (SELECT MIN(sal) FROM emp GROUP BY deptno);`. The 'Query Result' tab shows 3 rows fetched in 0.007 seconds. The results are as follows:

	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7369	SMITH	CLERK	7902	17-DEC-80	800	(null)	20
2	7900	JAMES	CLERK	7698	03-DEC-81	950	(null)	30
3	7934	MILLER	CLERK	7782	23-JAN-82	1300	(null)	10