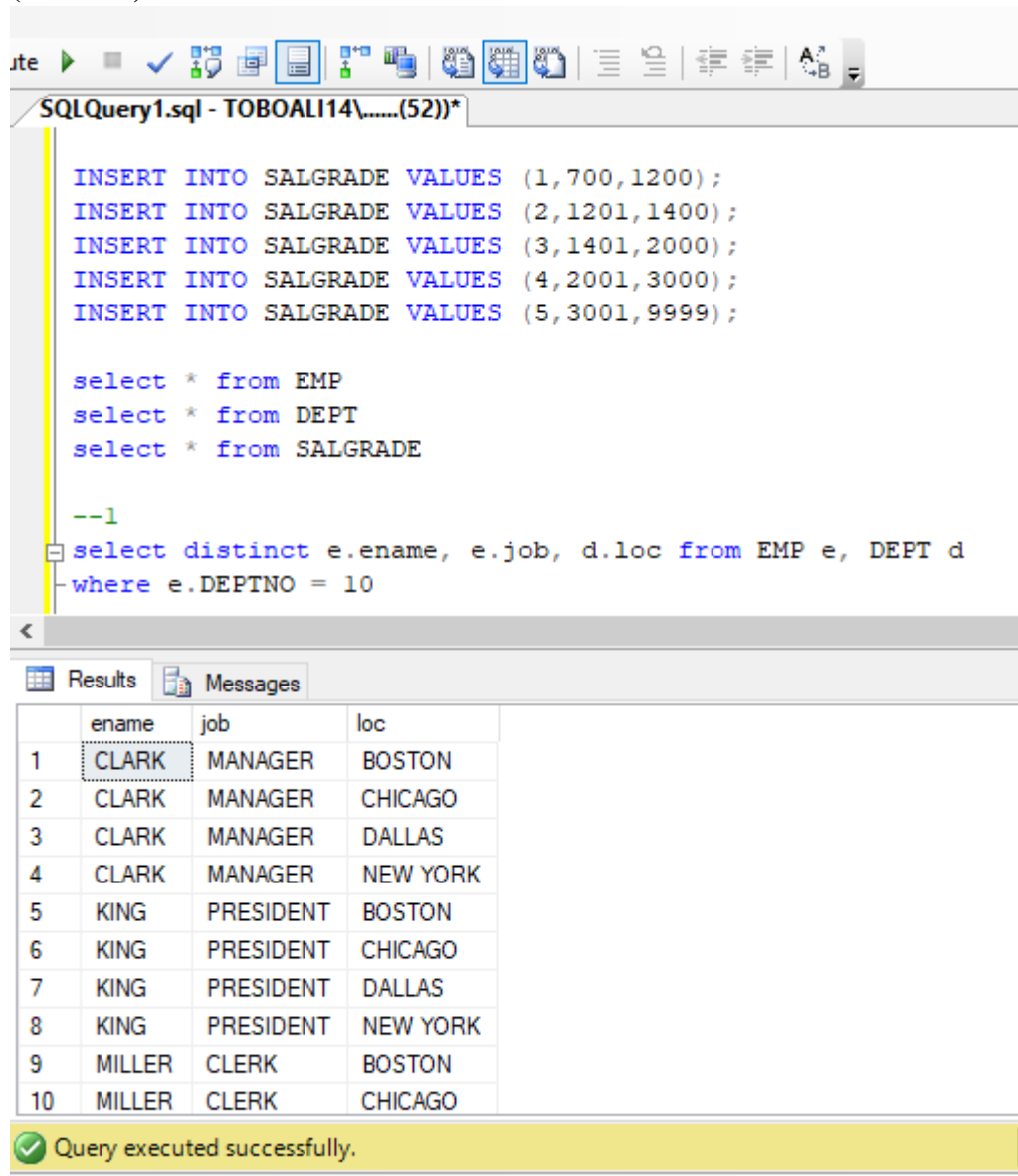


Studi Kasus

Pert 1 Sql Server Intermediate

1. Buat query untuk menampilkan nama pegawai, pekerjaan dan lokasi pekerjaan dari department nomer 10. Lengkapi query dengan menghilangkan kerangkapan pada data. (20 Point)



The screenshot shows the SQL Server Enterprise Manager interface. The query editor displays the following SQL code:

```
INSERT INTO SALGRADE VALUES (1,700,1200);
INSERT INTO SALGRADE VALUES (2,1201,1400);
INSERT INTO SALGRADE VALUES (3,1401,2000);
INSERT INTO SALGRADE VALUES (4,2001,3000);
INSERT INTO SALGRADE VALUES (5,3001,9999);

select * from EMP
select * from DEPT
select * from SALGRADE

--1
select distinct e.ename, e.job, d.loc from EMP e, DEPT d
where e.DEPTNO = 10
```

The Results tab shows the following data:

	ename	job	loc
1	CLARK	MANAGER	BOSTON
2	CLARK	MANAGER	CHICAGO
3	CLARK	MANAGER	DALLAS
4	CLARK	MANAGER	NEW YORK
5	KING	PRESIDENT	BOSTON
6	KING	PRESIDENT	CHICAGO
7	KING	PRESIDENT	DALLAS
8	KING	PRESIDENT	NEW YORK
9	MILLER	CLERK	BOSTON
10	MILLER	CLERK	CHICAGO

A status bar at the bottom indicates: Query executed successfully.

2. Buat query untuk menampilkan nama pegawai, pekerjaan, dan gaji. Dimana gaji tersebut lebih dari rata-rata gaji yang dimiliki pegawai dengan pekerjaan ANALYST. Tapi untuk pegawai yang memiliki pekerjaan CLERK tidak perlu ditampilkan. (20 Point)

```
SQLQuery1.sql - TOBOALI14\.....(52))*  
INSERT INTO SALGRADE VALUES (4,2001,3000);  
INSERT INTO SALGRADE VALUES (5,3001,9999);  
  
select * from EMP  
select * from DEPT  
select * from SALGRADE  
  
--1  
select distinct e.ename, e.job, d.loc from EMP e, DEPT d  
where e.DEPTNO = 10  
  
--2  
select e.ename, e.job, e.sal from EMP e where SAL > (select MAX(sal) from EMP  
where JOB = 'ANALYST') and e.JOB != 'CLERK'
```

<

Results Messages

	ename	job	sal
1	KING	PRESIDENT	5000.00

3. Tampilkan nama, nomer pegawai, pekerjaan, lokasi pekerjaan, dan gaji yang memiliki lokasi pekerjaan sama seperti nama pegawai yang bernama ALLEN. (20 Point)

SQLQuery1.sql - TOBOALI14\.....(52))*

```
--2
select e.ename, e.job, e.sal from EMP e where SAL > (select
where JOB = 'ANALYST') and e.JOB != 'CLERK'

--3
select e.ename, e.empno, e.job, d.loc, e.sal from EMP e,
DEPT d where LOC = 'CHICAGO'
```

<

Results Messages

	ename	empno	job	loc	sal
1	SMITH	7369	CLERK	CHICAGO	800.00
2	ALLEN	7499	SALESMAN	CHICAGO	1600.00
3	WARD	7521	SALESMAN	CHICAGO	1250.00
4	JONES	7566	MANAGER	CHICAGO	2975.00
5	03TIN	7654	SALESMAN	CHICAGO	1250.00
6	BLAKE	7698	MANAGER	CHICAGO	2850.00
7	CLARK	7782	MANAGER	CHICAGO	2450.00
8	SCOTT	7788	ANALYST	CHICAGO	3000.00
9	KING	7839	PRESIDENT	CHICAGO	5000.00
10	TUR...	7844	SALESMAN	CHICAGO	1500.00
11	ADAMS	7876	CLERK	CHICAGO	1100.00
12	JAMES	7900	CLERK	CHICAGO	950.00
13	FORD	7902	ANALYST	CHICAGO	3000.00
14	MILL...	7934	CLERK	CHICAGO	1300.00

Query executed successfully.

4. Tuliskan query untuk menampilkan nomer pegawai, pekerjaan, nama department, dan tanggal masuk kerja (hiredate) untuk semua pegawai yang memiliki nama department yang sama seperti pegawai yang memiliki pekerjaan MANAGER dan memiliki gaji lebih besar dari nama pegawai yang bernama BLAKE. (20 Point)

SQLQuery1.sql - TOBOALI14\.....(52))*

```
--4
select e.empno, e.job, d.dname, e.hiredate from EMP e,
DEPT d where SAL > (select MAX(sal) from EMP where ENAME = 'BLAKE')
```

Results Messages

	empno	job	dname	hiredate
1	7566	MANAGER	ACCOUNTING	1981-02-04
2	7566	MANAGER	RESEARCH	1981-02-04
3	7566	MANAGER	SALES	1981-02-04
4	7566	MANAGER	OPERATIONS	1981-02-04
5	7788	ANALYST	ACCOUNTING	1982-09-12
6	7788	ANALYST	RESEARCH	1982-09-12
7	7788	ANALYST	SALES	1982-09-12
8	7788	ANALYST	OPERATIONS	1982-09-12
9	7839	PRESIDENT	ACCOUNTING	1981-01-11
10	7839	PRESIDENT	RESEARCH	1981-01-11
11	7839	PRESIDENT	SALES	1981-01-11
12	7839	PRESIDENT	OPERATIONS	1981-01-11
13	7902	ANALYST	ACCOUNTING	1981-03-12
14	7902	ANALYST	RESEARCH	1981-03-12
15	7902	ANALYST	SALES	1981-03-12
16	7902	ANALYST	OPERATIONS	1981-03-12

Query executed successfully. TOBOALI14\LEP

5. Buat query dengan menggunakan LEFT OUTER JOIN dan RIGHT OUTER JOIN untuk menampilkan nomer pegawai, nama pegawai, nama department, dan gaji dari seluruh pegawai yang memiliki gaji lebih besar dari 2000. Urutkan berdasarkan gaji dari besar ke kecil. (20 Point)

LEFT OUTER JOIN

SQLQuery1.sql - TOBOALI14\.....(52))*

```
--5.1 LEFT OUTER JOIN
select e.empno, e.job, d.dname, e.sal from EMP e LEFT OUTER JOIN DEPT d
on e.DEPTNO = d.DEPTNO where SAL in (select SAL from EMP where SAL > 2000)
order by SAL desc
```

Results Messages

	empno	job	dname	sal
1	7839	PRESIDENT	ACCOUNTING	5000.00
2	7902	ANALYST	RESEARCH	3000.00
3	7788	ANALYST	RESEARCH	3000.00
4	7566	MANAGER	RESEARCH	2975.00
5	7698	MANAGER	SALES	2850.00
6	7782	MANAGER	ACCOUNTING	2450.00

RIGHT OUTER JOIN

SQLQuery1.sql - TOBOALI14\.....(52))*

```
--5.2 RIGHT OUTER JOIN
select e.empno, e.job, d.dname, e.sal from EMP e RIGHT OUTER JOIN DEPT d
on e.DEPTNO = d.DEPTNO where SAL in (select SAL from EMP where SAL > 2000)
order by SAL desc
```

Results Messages

	empno	job	dname	sal
1	7839	PRESIDENT	ACCOUNTING	5000.00
2	7902	ANALYST	RESEARCH	3000.00
3	7788	ANALYST	RESEARCH	3000.00
4	7566	MANAGER	RESEARCH	2975.00
5	7698	MANAGER	SALES	2850.00
6	7782	MANAGER	ACCOUNTING	2450.00