

## UJIAN



Mata Praktikum : ORACLE INTERMEDIET  
Kelas : 3IA20  
Praktikum ke- : UJIAN  
Tanggal : 13 November 2022  
Materi :  
NPM : 50420900  
Nama : Muhammad Reza Hidayat  
Ketua Asisten :  
Nama Asisten :  
Paraf Asisten :  
Jumlah Lembar :



**LABORATORIUM TEKNIK INFORMATIKA  
UNIVERSITAS GUNADARMA**

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## Ujian Oracle Intermediate

SEBELUM MENGERJAKAN SOAL DIBAWAH INI, SILAHKAN TAMPILKAN TABEL EMP, DEPT DAN SALGRADE DENGAN MENGGUNAKAN PERINTAH SELECT

```
create table emp_50420900 as select * from emp;  
select * from dept;
```

```
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.  
  
Enter user-name: system  
Enter password:  
  
Connected to:  
Oracle Database 10g Enterprise Edition Release 10.2.0.3.0 - Production  
With the Partitioning, OLAP and Data Mining options  
  
SQL> create table emp_50420900 as select * from emp;  
  
Table created.  
  
SQL> select * from dept;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
create table dept_50420900 as select * from dept;  
select * from emp;
```

```
SQL> create table dept_50420900 as select * from dept;
Table created.
SQL> select * from emp;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
7369	SMITH	CLERK	7902	17-DEC-80	800	
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500
7566	JONES	MANAGER	7839	02-APR-81	2975	
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	
7782	CLARK	MANAGER	7839	09-JUN-81	2450	
7788	SCOTT	ANALYST	7566	09-DEC-82	3000	
7839	KING	PRESIDENT		17-NOV-81	5000	
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	
7876	ADAMS	CLERK	7788	12-JAN-83	1100	
7900	JAMES	CLERK	7698	03-DEC-81	950	
7982	FORD	ANALYST	7566	03-DEC-81	3000	
7934	MILLER	CLERK	7782	23-JAN-82	1300	

```
14 rows selected.
```

```
create table salgrade_50420900 as select * from salgrade;
select * from salgrade;
```

```
SQL> create table salgrade_50420900 as select * from salgrade;
Table created.
SQL> select * from salgrade;
```

GRADE	LOSAL	HISAL
1	700	1200
2	1201	1400
3	1401	2000
4	2001	3000
5	3001	9999

1. TAMPILKAN ENAME SEBAGAI NAMA, DNAME SEBAGAI DEPARTEMEN, SAL SEBAGAI GAJI, GRADE SEBAGAI GOLONGAN . (10 Point )

⇒ DARI TABEL EMP, DEPT DAN SALGRADE

⇒ DIMANA DNAME ADALAH RESEARCH

⇒ SAL BERADA DIANTARA NILAI HISAL DAN LOSAL YANG ADA DITABEL SALGRADE

```

select emp_50420900.ename nama, dept_50420900.dname
departemen, emp_50420900.sal gaji, salgrade_50420900.grade
golongan

from emp_50420900, dept_50420900, salgrade_50420900

where emp_50420900.sal between salgrade_50420900.losal and
salgrade_50420900.hisal

and dept_50420900.dname = 'RESEARCH';

```

```

undefined - output.sql

SQL> select emp_50420900.ename nama, dept_50420900.dname departemen, emp_50420900.sal gaji, salgrade_50420900.grade golongan
2  from emp_50420900, dept_50420900, salgrade_50420900
3  where emp_50420900.sal between salgrade_50420900.losal and salgrade_50420900.hisal
4  and dept_50420900.dname = 'RESEARCH';

```

NAMA	DEPARTEMEN	GAJI	GOLONGAN
SMITH	RESEARCH	800	1
ADAMS	RESEARCH	1100	1
JAMES	RESEARCH	950	1
WARD	RESEARCH	1250	2
MARTIN	RESEARCH	1250	2
MILLER	RESEARCH	1300	2
ALLEN	RESEARCH	1600	3
TURNER	RESEARCH	1500	3
JONES	RESEARCH	2975	4
BLAKE	RESEARCH	2850	4
CLARK	RESEARCH	2450	4
SCOTT	RESEARCH	3000	4
FORD	RESEARCH	3000	4
KING	RESEARCH	5000	5

```

14 rows selected.

```

2. DENGAN MENGGUNAKAN SUBQUERY, TAMPILKAN EMPNO SEBAGAI NOMER PEGAWAI, ENAME SEBAGAI NAMA, DEPTNO SEBAGAI NOMER DEPARTEMEN. (10 Point )

⇒ DARI TABEL EMP

⇒ DIMANA PEGAWAI TERSEBUT BERADA DALAM DEPTNO YANG MEMILIKI ENAME MENGANDUNG HURUF O

⇒ UNTUK NAMA FORD TIDAK DITAMPILKAN

⇒ DIURUTKAN BERDASARKAN ENAME

```

select empno, ename, deptno
from emp_50420900

```

```

where deptno in(select deptno from emp_50420900 where ename
like '%0%')

and ename <> 'FORD'

order by ename desc;

```

```

SQL> select empno, ename, deptno
2  from emp_50420900
3  where deptno in(select deptno from emp_50420900 where ename like '%0%')
4  and ename <> 'FORD'
5  order by ename desc;

```

EMPNO	ENAME	DEPTNO
7369	SMITH	20
7788	SCOTT	20
7566	JONES	20
7876	ADAMS	20

3. TAMPILKAN ENAME SEBAGAI NAMA, JOB SEBAGAI PEKERJAAN, HIREDATE SEBAGAI TGL MASUK, DAN SAL SEBAGAI GAJI DARI TABEL EMP DIMANA SAL LEBIH BESAR DARI 2500 DAN DIURUTKAN BERDASARKAN ENAME. (10 Point )

```

select emp_50420900.ename nama, emp_50420900.job pekerjaan,
emp_50420900.hiredate tgl_masuk,
emp_50420900.sal gaji
from emp_50420900
where emp_50420900.sal > 2500
order by emp_50420900.ename asc;

```

```

SQL> select emp_50420900.ename nama, emp_50420900.job pekerjaan, emp_50420900.hiredate tgl_masuk,
2  emp_50420900.sal gaji
3  from emp_50420900
4  where emp_50420900.sal > 2500
5  order by emp_50420900.ename asc;

```

NAMA	PEKERJAAN	TGL_MASUK	GAJI
BLAKE	MANAGER	01-MAY-81	2850
FORD	ANALYST	03-DEC-81	3000
JONES	MANAGER	02-APR-81	2975
KING	PRESIDENT	17-NOV-81	5000
SCOTT	ANALYST	09-DEC-82	3000

SQL> Muhammad Reza Hidayat 50420900

```
set serveroutput on
ed reza.sql
start reza.sql
```

```
Microsoft Windows [Version 10.0.19042.685]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Windows\system32>sqlplus

SQL*Plus: Release 10.2.0.3.0 - Production on Sun Nov 13 17:58:09 2022

Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Enter user-name: system
Enter password:

Connected to:
Oracle Database 10g Enterprise Edition Release 10.2.0.3.0 - Production
With the Partitioning, OLAP and Data Mining options

SQL> set serveroutput on
SQL> ed reza.sql

SQL> start reza.sql
Enter value for nama: reza
old 8: nama := '&nama';
new 8: nama := 'reza';
Enter value for jenis: minuman
old 9: jenis := '&jenis';
new 9: jenis := 'minuman';
Enter value for jumlah: 200
old 10: jumlah := &jumlah;
new 10: jumlah := 200;
=====
NAMA                : reza
Barang Yang Dibeli   : minuman
Jumlah Barang        : 200
Diskon               : 15%
Total Pembayaran    : 1445000
=====

PL/SQL procedure successfully completed.

SQL>
```