

Table

Worksheet Query Builder

```

INSERT INTO SALGRADE VALUES (3,1401,2000);
INSERT INTO SALGRADE VALUES (4,2001,3000);
INSERT INTO SALGRADE VALUES (5,3001,9999);
COMMIT;
SET TERMOUT ON
SET ECHO ON

SELECT * FROM EMP;

SELECT * from DEPT;

```

Script Output x Query Result x

SQL | All Rows Fetched: 14 in 0.107 seconds

	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7369	SMITH	CLERK	7902	17-12-1980	800	(null)	20
2	7499	ALLEN	SALESMAN	7698	20-02-1981	1600	300	30
3	7521	WARD	SALESMAN	7698	22-02-1981	1250	500	30
4	7566	JONES	MANAGER	7839	02-04-1981	2975	(null)	20
5	7654	MARTIN	SALESMAN	7698	28-09-1981	1250	1400	30
6	7698	BLAKE	MANAGER	7839	01-05-1981	2850	(null)	30
7	7782	CLARK	MANAGER	7839	09-06-1981	2450	(null)	10
8	7788	SCOTT	ANALYST	7566	19-04-1987	3000	(null)	20
9	7839	KING	PRESIDENT	(null)	17-11-1981	5000	(null)	10
10	7844	TURNER	SALESMAN	7698	08-09-1981	1500	0	30
11	7876	ADAMS	CLERK	7788	23-05-1987	1100	(null)	20
12	7900	JAMES	CLERK	7698	03-12-1981	950	(null)	30

1.

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Welcome Page

Worksheet Query Builder

```

SELECT * FROM EMP;

SELECT * from DEPT;

--1
SET SERVEROUTPUT ON
DECLARE
  v_sal_deptno NUMBER;
BEGIN
  SELECT SUM(SAL) INTO v_sal_deptno FROM EMP
  WHERE DEPTNO = 10;
  DBMS_OUTPUT.PUT('PEGAIAI DENGAN DEPTNO 10 MEMILIKI GAJI = ' || v_sal_deptno);
END;
/

```

Script Output x Query Result x Query Result 1 x

Task completed in 0.029 seconds

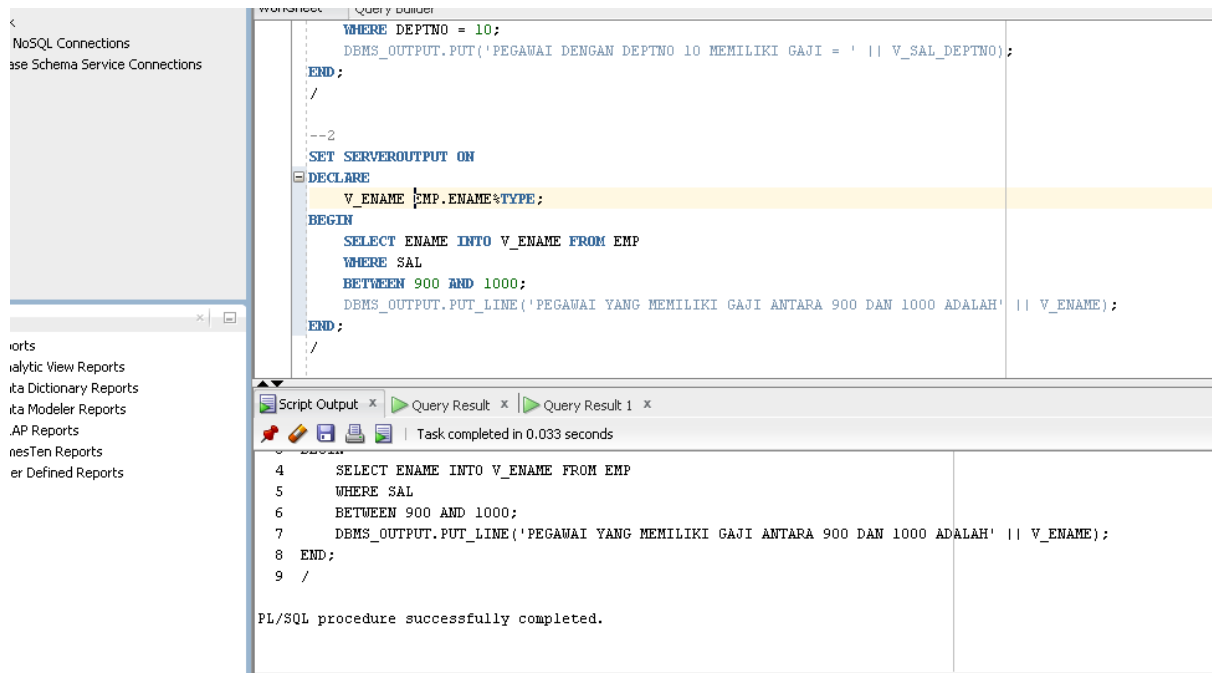
```

3 BEGIN
4   SELECT SUM(SAL) INTO v_sal_deptno FROM EMP
5   WHERE DEPTNO = 10;
6   DBMS_OUTPUT.PUT('PEGAIAI DENGAN DEPTNO 10 MEMILIKI GAJI = ' || v_sal_deptno);
7 END;
8 /

```

PL/SQL procedure successfully completed.

2.



Oracle SQL Developer interface showing a PL/SQL procedure being executed. The procedure is as follows:

```

WHERE DEPTNO = 10;
DBMS_OUTPUT.PUT('PEGAWAI DENGAN DEPTNO 10 MEMILIKI GAJI = ' || V_SAL_DEPTNO);
END;
/

--2
SET SERVEROUTPUT ON
DECLARE
  V_ENAME EMP.ENAME%TYPE;
BEGIN
  SELECT ENAME INTO V_ENAME FROM EMP
  WHERE SAL
  BETWEEN 900 AND 1000;
  DBMS_OUTPUT.PUT_LINE('PEGAWAI YANG MEMILIKI GAJI ANTARA 900 DAN 1000 ADALAH' || V_ENAME);
END;
/

```

The output shows the names of employees in department 10:

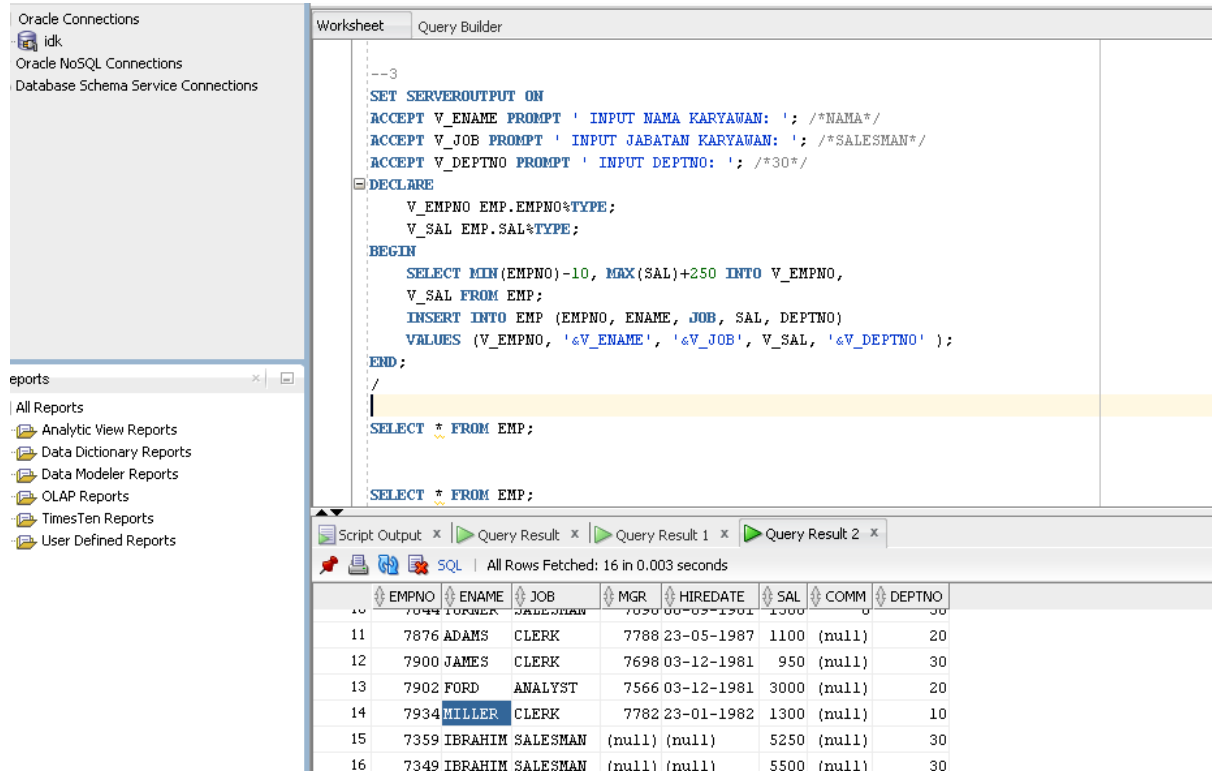
```

4 SELECT ENAME INTO V_ENAME FROM EMP
5 WHERE SAL
6 BETWEEN 900 AND 1000;
7 DBMS_OUTPUT.PUT_LINE('PEGAWAI YANG MEMILIKI GAJI ANTARA 900 DAN 1000 ADALAH' || V_ENAME);
8 END;
9 /

```

PL/SQL procedure successfully completed.

3.



Oracle SQL Developer interface showing a PL/SQL procedure being executed. The procedure is as follows:

```

--3
SET SERVEROUTPUT ON
ACCEPT V_ENAME PROMPT ' INPUT NAMA KARYAWAN: '; /*NAMA*/
ACCEPT V_JOB PROMPT ' INPUT JABATAN KARYAWAN: '; /*SALESMAN*/
ACCEPT V_DEPTNO PROMPT ' INPUT DEPTNO: '; /*30*/
DECLARE
  V_EMPNO EMP.EMPNO%TYPE;
  V_SAL EMP.SAL%TYPE;
BEGIN
  SELECT MIN(EMPNO)-10, MAX(SAL)+250 INTO V_EMPNO,
  V_SAL FROM EMP;
  INSERT INTO EMP (EMPNO, ENAME, JOB, SAL, DEPTNO)
  VALUES (V_EMPNO, '&V_ENAME', '&V_JOB', V_SAL, '&V_DEPTNO' );
END;
/

```

The output shows the details of the inserted employee:

```

SELECT * FROM EMP;
SELECT * FROM EMP;

```

All Rows Fetched: 16 in 0.003 seconds

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7044	TURNER	SALESMAN	7090	08-09-1981	1500	0	30
11	7876 ADAMS	CLERK	7788	23-05-1987	1100	(null)	20
12	7900 JAMES	CLERK	7698	03-12-1981	950	(null)	30
13	7902 FORD	ANALYST	7566	03-12-1981	3000	(null)	20
14	7934 MILLER	CLERK	7782	23-01-1982	1300	(null)	10
15	7359 IBRAHIM	SALESMAN	(null)	(null)	5250	(null)	30
16	7349 IBRAHIM	SALESMAN	(null)	(null)	5500	(null)	30

	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7369	SMITH	CLERK	7902	17-12-1980	800	(null)	20
2	7499	ALLEN	SALESMAN	7698	20-02-1981	1600	300	30
3	7521	WARD	SALESMAN	7698	22-02-1981	1250	500	30
4	7566	JONES	MANAGER	7839	02-04-1981	2975	(null)	20
5	7654	MARTIN	SALESMAN	7698	28-09-1981	1250	1400	30
6	7698	BLAKE	MANAGER	7839	01-05-1981	2850	(null)	30
7	7788	SCOTT	ANALYST	7566	19-04-1987	3000	(null)	20

4.

```
--4
SET SERVEROUTPUT ON
DECLARE
  V_SAL_PLUS EMP.SAL%TYPE := 200;
BEGIN
  UPDATE EMP
  SET SAL = SAL + V_SAL_PLUS
  WHERE DEPTNO > 10;
END;
```

Script Output x Query Result x Query Result 1 x Query Result 2 x Query Result 3 x

Task completed in 0.051 seconds

PL/SQL procedure successfully completed.

Connections
Schema Service Connections

```
WHERE DEPTNO > 10;
```

```
--4
SET SERVEROUTPUT ON
```

	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7369	SMITH	CLERK	7902	17-12-1980	1000	(null)	20
2	7499	ALLEN	SALESMAN	7698	20-02-1981	1800	300	30
3	7521	WARD	SALESMAN	7698	22-02-1981	1450	500	30
4	7566	JONES	MANAGER	7839	02-04-1981	3175	(null)	20
5	7654	MARTIN	SALESMAN	7698	28-09-1981	1450	1400	30
6	7698	BLAKE	MANAGER	7839	01-05-1981	3050	(null)	30
7	7782	CLARK	MANAGER	7839	09-06-1981	2450	(null)	10
8	7788	SCOTT	ANALYST	7566	19-04-1987	3200	(null)	20
9	7839	KING	PRESIDENT	(null)	17-11-1981	5000	(null)	10
10	7844	TURNER	SALESMAN	7698	08-09-1981	1700	0	30
11	7876	ADAMS	CLERK	7788	23-05-1987	1300	(null)	20
12	7900	JAMES	CLERK	7698	03-12-1981	1150	(null)	30

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Worksheet Query Builder

```
--5
-- JOB = CLERCK / SAL <= 1200

SET SERVEROUTPUT ON /* BUTUH DBMS OUTPUT LINE*/
DECLARE
  V_JOB_EMP EMP.JOB%TYPE:= 'CLERK';
  V_SAL_EMP EMP.SAL%TYPE:= 1200;
BEGIN
  DELETE FROM EMP
  WHERE JOB = V_JOB_EMP
  OR SAL <= V_SAL_EMP;
END;
/
```

Script Output x Query Result x Query Result 1 x Query Result 2 x Query Result 3 x

Task completed in 0.299 seconds

```
5 DELETE FROM EMP
6 WHERE JOB = V_JOB_EMP
7 OR SAL <= V_SAL_EMP;
8 END;
9 /
```

PL/SQL procedure successfully completed.

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Worksheet Query Builder

```
--5
-- JOB = CLERCK / SAL <= 1200

SET SERVEROUTPUT ON /* BUTUH DBMS OUTPUT LINE*/
DECLARE
  V_JOB_EMP EMP.JOB%TYPE:= 'CLERK';
  V_SAL_EMP EMP.SAL%TYPE:= 1200;
BEGIN
  DELETE FROM EMP
  WHERE JOB = V_JOB_EMP
  OR SAL <= V_SAL_EMP;
END;
/
```

Script Output x Query Result x Query Result 1 x Query Result 2 x Query Result 3 x

SQL | All Rows Fetched: 12 in 0.004 seconds

	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7499	ALLEN	SALESMAN	7698	20-02-1981	1800	300	30
2	7521	WARD	SALESMAN	7698	22-02-1981	1450	500	30
3	7566	JONES	MANAGER	7839	02-04-1981	3175	(null)	20
4	7654	MARTIN	SALESMAN	7698	28-09-1981	1450	1400	30
5	7698	BLAKE	MANAGER	7839	01-05-1981	3050	(null)	30
6	7782	CLARK	MANAGER	7839	09-06-1981	2450	(null)	10
7	7788	SCOTT	ANALYST	7566	19-04-1987	3200	(null)	20

SQL | All Rows Fetched: 11 in 0.002 seconds

	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	7499	ALLEN	SALESMAN	7698	20-02-1981	1800	300	30
2	7521	WARD	SALESMAN	7698	22-02-1981	1450	500	30
3	7566	JONES	MANAGER	7839	02-04-1981	3175	(null)	20
4	7654	MARTIN	SALESMAN	7698	28-09-1981	1450	1400	30
5	7698	BLAKE	MANAGER	7839	01-05-1981	3050	(null)	30
6	7782	CLARK	MANAGER	7839	09-06-1981	2450	(null)	10
7	7788	SCOTT	ANALYST	7566	19-04-1987	3200	(null)	20