

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

SQL> DESC USER_VIEWS

Name	Null?	Type
VIEW_NAME	NOT NULL	VARCHAR2(30)
TEXT_LENGTH		NUMBER
TEXT		LONG
TYPE_TEXT_LENGTH		NUMBER
TYPE_TEXT		VARCHAR2(4000)
OID_TEXT_LENGTH		NUMBER
OID_TEXT		VARCHAR2(4000)
VIEW_TYPE_OWNER		VARCHAR2(30)
VIEW_TYPE		VARCHAR2(30)
SUPERVIEW_NAME		VARCHAR2(30)

SQL> COL VIEW_NAME FORMAT A15

SQL> COL TEXT FORMAT A30

SQL> SELECT

```
2  VIEW_NAME,
3  TEXT
4  FROM USER_VIEWS
5  WHERE VIEW_NAME = 'EMPLOYEES';
```

VIEW_NAME	TEXT
EMPLOYEES	SELECT Empno "ID Number", Ename Name, Sal "Basic Salary", Job Designation FR

SQL> SET LONG 200

SQL> SELECT

```
2  VIEW_NAME,
3  TEXT
4  FROM USER_VIEWS
5  WHERE VIEW_NAME = 'EMPLOYEES';
```

VIEW_NAME	TEXT
EMPLOYEES	SELECT Empno "ID Number", Ename Name, Sal "Basic Salary", Job Designation

SkyEss Techno Solutions Pvt. Ltd.

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Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix

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FROM Emp

SQL> SELECT * FROM EMPLOYEES;

ID Number	NAME	Basic Salary	DESIGNATI
7839	KING	5000	PRESIDENT
7698	BLAKE	2850	MANAGER
7782	CLARK	2450	MANAGER
7566	JONES	2975	MANAGER
7654	MARTIN	1250	SALESMAN
7499	ALLEN	1600	SALESMAN
7844	TURNER	1500	SALESMAN
7900	JAMES	950	CLERK
7521	WARD	1250	SALESMAN
7902	FORD	3000	ANALYST
7369	SMITH	800	CLERK

ID Number	NAME	Basic Salary	DESIGNATI
7788	SCOTT	3000	ANALYST
7876	ADAMS	1100	CLERK
7934	MILLER	1300	CLERK

14 rows selected.

SQL> CREATE OR REPLACE VIEW EMPLOYEES
2 AS
3 SELECT Ename Name, Sal Salary, Job Designation
4 FROM Emp;

View created.

SQL> SELECT
2 VIEW_NAME,
3 TEXT
4 FROM USER_VIEWS
5 WHERE VIEW_NAME = 'EMPLOYEES';

VIEW_NAME	TEXT
EMPLOYEES	SELECT Ename Name, Sal Salary, Job Designation FROM Emp

SQL> ED
Wrote file afiedt.buf

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```
1 CREATE OR REPLACE VIEW EMPLOYEES
2 AS
3 SELECT
4   Ename Name,
5   Sal Salary,
6   Job Designation,
7   Sal + NVL(Comm, 0)
8* FROM Emp
```

SQL> /

```
Sal + NVL(Comm, 0)
*
```

ERROR at line 7:

ORA-00998: must name this expression with a column alias

SQL> ED

Wrote file afiedt.buf

```
1 CREATE OR REPLACE VIEW EMPLOYEES
2 AS
3 SELECT
4   Ename Name,
5   Sal Salary,
6   Job Designation,
7   Sal + NVL(Comm, 0) TotSal
8* FROM Emp
```

SQL> /

View created.

SQL> DESC EMPLOYEES

Name	Null?	Type
NAME		VARCHAR2(10)
SALARY		NUMBER(7,2)
DESIGNATION		VARCHAR2(9)
TOTSAL		NUMBER

SQL> cl scr

SQL> CREATE OR REPLACE VIEW DeptSalSummary

```
2 (
3   DepartmentName,
4   MinimumSalary,
5   MaxSalary,
6   AverageSalary,
7   SalarySum
```

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```
8 )
9 AS
10 SELECT
11   D.Dname,
12   MIN(E.Sal),
13   MAX(E.Sal),
14   AVG(E.Sal),
15   SUM(E.Sal)
16 FROM Emp E, Dept D
17 WHERE E.Deptno = D.Deptno
18 GROUP BY D.Dname;
```

View created.

SQL> DESC DeptSalSummary

Name	Null?	Type
DEPARTMENTNAME		VARCHAR2(14)
MINIMUMSALARY		NUMBER
MAXSALARY		NUMBER
AVERAGESALARY		NUMBER
SALARYSUM		NUMBER

SQL> SELECT * FROM DeptSalSummary;

DEPARTMENTNAME	MINIMUMSALARY	MAXSALARY	AVERAGESALARY	SALARYSUM
ACCOUNTING	1300	5000	2916.66667	8750
RESEARCH	800	3000	2175	10875
SALES	950	2850	1566.66667	9400

SQL> cl scr

SQL> COL Empno FORMAT 9999

```
SQL> SELECT *
2 FROM Emp
3 WHERE Deptno = 10;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
7839	KING	PRESIDENT		17-NOV-81	5000	
7782	CLARK	MANAGER	7839	09-JUN-81	2450	
7934	MILLER	CLERK	7782	23-JAN-82	1300	

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```
SQL> CREATE OR REPLACE VIEW InsertDept10
  2  AS
  3  SELECT *
  4  FROM Emp
  5  WHERE Deptno = 10;
```

View created.

```
SQL> DESC Emp
```

Name	Null?	Type
EMPNO	NOT NULL	NUMBER(4)
ENAME		VARCHAR2(10)
JOB		VARCHAR2(9)
MGR		NUMBER(4)
HIREDATE		DATE
SAL		NUMBER(7,2)
COMM		NUMBER(7,2)
DEPTNO	NOT NULL	NUMBER(2)

```
SQL> DESC InsertDept10
```

Name	Null?	Type
EMPNO	NOT NULL	NUMBER(4)
ENAME		VARCHAR2(10)
JOB		VARCHAR2(9)
MGR		NUMBER(4)
HIREDATE		DATE
SAL		NUMBER(7,2)
COMM		NUMBER(7,2)
DEPTNO	NOT NULL	NUMBER(2)

```
SQL> SELECT * FROM InsertDept10;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
7839	KING	PRESIDENT		17-NOV-81	5000	
7782	CLARK	MANAGER	7839	09-JUN-81	2450	
7934	MILLER	CLERK	7782	23-JAN-82	1300	

```
SQL> CREATE TABLE Dept10
```

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```
2 AS
3 SELECT *
4 FROM InsertDept10;
```

Table created.

```
SQL> SELECT * FROM Dept10;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
-------	-------	-----	-----	----------	-----	------

7839	KING	PRESIDENT		17-NOV-81	5000	
7782	CLARK	MANAGER	7839	09-JUN-81	2450	
7934	MILLER	CLERK	7782	23-JAN-82	1300	

```
SQL> DROP VIEW Employees;
```

View dropped.

```
SQL> DROP VIEW InsertDept10;
```

View dropped.

```
SQL> SELECT * FROM Dept10;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
-------	-------	-----	-----	----------	-----	------

7839	KING	PRESIDENT		17-NOV-81	5000	
7782	CLARK	MANAGER	7839	09-JUN-81	2450	
7934	MILLER	CLERK	7782	23-JAN-82	1300	

```
SQL> SPool OFF
```

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