SQL\*Plus: Release 11.1.0.6.0 - Production on Tue Jul 24 09:31:05 2018

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Enter user-name: Lab2etrg15@orcl11g

Enter password:

Connected to:

Oracle Database 11g Enterprise Edition Release 11.2.0.4.0 - 64bit Production

With the Partitioning, OLAP, Data Mining and Real Application Testing options

SQL> select \* from tab;

select \* from tab

\*

ERROR at line 1:

ORA-04044: procedure, function, package, or type is not allowed here

SQL> SELECT USER FROM DUAL;

USER

------------------------------

LAB2ETRG15

SQL> DESCEMP;

SP2-0042: unknown command "DESCEMP" - rest of line ignored.

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 NUMBER(2)

SQL> CREATE TABLE EMP\_NEW(EMPNO NUMBER NOT NULL, ENAME VARCHAR2(30), SALARY NUMBER(10,2));

CREATE TABLE EMP\_NEW(EMPNO NUMBER NOT NULL, ENAME VARCHAR2(30), SALARY NUMBER(10,2))

\*

ERROR at line 1:

ORA-00955: name is already used by an existing object

SQL> CREATE TABLE EMPO\_NEW(EMPNO NUMBER NOT NULL, ENAME VARCHAR2(30), SALARY NUMBER(10,2));

Table created.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

SQL> CREATE TABLE EMPO\_NEW1(EMPNO NUMBER CONSTRAINT EMPO\_NEW1\_PK PRIMARY KEY, ENAME VARCHAR2(30

Table created.

SQL> DESC EMPO\_NEW1;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

SQL>

SQL> SELECT CONSTRAINT\_NAME,CONSTRAINT\_TYPE, TABLE\_NAME FROM USER\_CONSTRAINTS WHERE TABLE\_NAME=

no rows selected

SQL> SELECT CONSTRAINT\_NAME,CONSTRAINT\_TYPE, TABLE\_NAME FROM USER\_CONSTRAINTS WHERE TABLE\_NAME=

CONSTRAINT\_NAME C TABLE\_NAME

------------------------------ - ------------------------------

EMPO\_NEW1\_PK P EMPO\_NEW1

SQL> SELECT CONSTRAINT\_NAME,CONSTRAINT\_TYPE, TABLE\_NAME FROM USER\_CONSTRAINTS WHERE TABLE\_NAME=

2

SQL> CREATE TABLE EMPO\_NEW2 AS SELECT \* FROM EMPO\_NEW1;

Table created.

SQL> DESC EMPO\_NEW2

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

SQL> CREATE TABLE EMOP\_NEW3 AS SELECT EMPNO, ENAME FROM EMP\_NEW1;

CREATE TABLE EMOP\_NEW3 AS SELECT EMPNO, ENAME FROM EMP\_NEW1

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> CREATE TABLE EMOP\_NEW3 AS SELECT EMPNO, ENAME FROM EMPO\_NEW1;

Table created.

SQL> DESC EMPO\_NEW3

ERROR:

ORA-04043: object EMPO\_NEW3 does not exist

SQL> DESC EMOP\_NEW3;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

ENAME VARCHAR2(30)

SQL> ALTER TABLE EMPO\_NEW ADD LOCATION VARCHAR2(40);

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

SQL> ALTER TABLE EMPO\_NEW ADD (LOCATION VARCHAR2(40),ADDRESS VARCHAR2(80));

ALTER TABLE EMPO\_NEW ADD (LOCATION VARCHAR2(40),ADDRESS VARCHAR2(80))

\*

ERROR at line 1:

ORA-01430: column being added already exists in table

SQL> ALTER TABLE EMPO\_NEW ADD (CITY VARCHAR2(10),ADDRESS VARCHAR2(80));

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

ADDRESS VARCHAR2(80)

SQL> ALTER TABLE EMPO\_NEW MODIFY ENAME VARCHAR2(400) NOT NULL;

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

ADDRESS VARCHAR2(80)

SQL> ALTER TABLE DROP COLUMN (ADDRESS,CITY);

ALTER TABLE DROP COLUMN (ADDRESS,CITY)

\*

ERROR at line 1:

ORA-00903: invalid table name

SQL> ALTER TABLE DROP COLUMN ADDRESS,CITY;

ALTER TABLE DROP COLUMN ADDRESS,CITY

\*

ERROR at line 1:

ORA-00903: invalid table name

SQL> ALTER TABLE EMPO\_NEW DROP COLUMN ADDRESS,CITY;

ALTER TABLE EMPO\_NEW DROP COLUMN ADDRESS,CITY

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> ALTER TABLE EMPO\_NEW DROP COLUMN (ADDRESS,CITY);

ALTER TABLE EMPO\_NEW DROP COLUMN (ADDRESS,CITY)

\*

ERROR at line 1:

ORA-00904: : invalid identifier

SQL> ALTER TABLE EMPO\_NEW DROP COLUMN ADDRESS;

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

SQL> ALTER TABLE EMPO\_NEW RENAME COLUMN ENAME TO EMPLOYEE\_NAME;

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

EMPLOYEE\_NAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

SQL> ALTER TABLE EMPO\_NEW RENAME TO EMPLOYEE\_NEWG;

Table altered.

SQL> ALTER TABLE EMPO\_NEW ADD CONSTRAINT EMPO\_NEW\_PK PRIMARY KEY(EMPNO);

ALTER TABLE EMPO\_NEW ADD CONSTRAINT EMPO\_NEW\_PK PRIMARY KEY(EMPNO)

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> ALTER TABLE EMPLOYEE\_NEWG ADD CONSTRAINT EMPO\_NEW\_PK PRIMARY KEY(EMPNO);

Table altered.

SQL> DESC EMPLOYEE\_NEWG;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

EMPLOYEE\_NAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

SQL> SELECT \* FROM EMO;

SELECT \* FROM EMO

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7369 SMITH CLERK 7902 17-DEC-80 950

20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300

30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500

30

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7566 JONES MANAGER 7839 02-APR-81 3075

20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400

30

7698 BLAKE MANAGER 7839 01-MAY-81 2850

30

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7782 CLARK MANAGER 7839 09-JUN-81 2450

10

7839 KING PRESIDENT 17-NOV-81 5000

10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0

30

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7902 FORD ANALYST 7566 03-DEC-81 3100

20

7934 MILLER CLERK 7782 23-JAN-82 1300

10

11 rows selected.

SQL> SET PAGESIZE 1000

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7369 SMITH CLERK 7902 17-DEC-80 950

20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300

30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500

30

7566 JONES MANAGER 7839 02-APR-81 3075

20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400

30

7698 BLAKE MANAGER 7839 01-MAY-81 2850

30

7782 CLARK MANAGER 7839 09-JUN-81 2450

10

7839 KING PRESIDENT 17-NOV-81 5000

10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0

30

7902 FORD ANALYST 7566 03-DEC-81 3100

20

7934 MILLER CLERK 7782 23-JAN-82 1300

10

11 rows selected.

SQL> SET LINESIZE 1000

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7369 SMITH CLERK 7902 17-DEC-80 950 20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300 30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500 30

7566 JONES MANAGER 7839 02-APR-81 3075 20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

7839 KING PRESIDENT 17-NOV-81 5000 10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0 30

7902 FORD ANALYST 7566 03-DEC-81 3100 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

11 rows selected.

SQL> SET PAGESIZE 100

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7369 SMITH CLERK 7902 17-DEC-80 950 20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300 30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500 30

7566 JONES MANAGER 7839 02-APR-81 3075 20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

7839 KING PRESIDENT 17-NOV-81 5000 10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0 30

7902 FORD ANALYST 7566 03-DEC-81 3100 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

11 rows selected.

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7369 SMITH CLERK 7902 17-DEC-80 950 20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300 30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500 30

7566 JONES MANAGER 7839 02-APR-81 3075 20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

7839 KING PRESIDENT 17-NOV-81 5000 10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0 30

7902 FORD ANALYST 7566 03-DEC-81 3100 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

11 rows selected.

SQL> TRUNCATE TABLE EMPO\_NEW1;

Table truncated.

SQL> SELECT \* FROM EMPO\_NEW1;

no rows selected

SQL> SELECT \* FROM TAB;

SELECT \* FROM TAB

\*

ERROR at line 1:

ORA-04044: procedure, function, package, or type is not allowed here

SQL> DESC EMPLOYEE\_NEWG;

Name

----------------------------------------------------------------------------------------------

-----------------------------------------------------------------------------------------------

EMPNO

EMPLOYEE\_NAME

SALARY

LOCATION

CITY

SQL> DESC EMPO\_NEW1;

Name

----------------------------------------------------------------------------------------------

-----------------------------------------------------------------------------------------------

EMPNO

ENAME

SALARY

SQL> INSERT INTO EMPO\_NEW1 VALUES(1,'GANESH',90000);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

SQL> INSERT INTO EMPO\_NEW1 VALUES(1,'KAPIL',50000);

INSERT INTO EMPO\_NEW1 VALUES(1,'KAPIL',50000)

\*

ERROR at line 1:

ORA-00001: unique constraint (LAB2ETRG15.EMPO\_NEW1\_PK) violated

SQL> INSERT INTO EMPO\_NEW1 VALUES(3,'KAPIL');

INSERT INTO EMPO\_NEW1 VALUES(3,'KAPIL')

\*

ERROR at line 1:

ORA-00947: not enough values

SQL> INSERT INTO EMPO\_NEW1 VALUES(3,'KAPIL',NULL);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

3 KAPIL

SQL> INSERT INTO EMPO\_NEW1(EMPNO,SALARY) VALUES(3,30000);

INSERT INTO EMPO\_NEW1(EMPNO,SALARY) VALUES(3,30000)

\*

ERROR at line 1:

ORA-00001: unique constraint (LAB2ETRG15.EMPO\_NEW1\_PK) violated

SQL> INSERT INTO EMPO\_NEW1(EMPNO,SALARY) VALUES(4,30000);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

3 KAPIL

4 30000

SQL> UPDATE EMP\_NEW SET SALARY=40000 WHERE EMPNO=3;

UPDATE EMP\_NEW SET SALARY=40000 WHERE EMPNO=3

\*

ERROR at line 1:

ORA-00904: "SALARY": invalid identifier

SQL> UPDATE EMPO\_NEW1 SET SALARY=40000 WHERE EMPNO=3;

1 row updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

3 KAPIL 40000

4 30000

SQL> UPDATE EMPO\_NEW1 SET SALARY=400000;

3 rows updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 400000

3 KAPIL 400000

4 400000

SQL> EMPNO

SP2-0042: unknown command "EMPNO" - rest of line ignored.

SQL> EMPLOYEE\_NAME

SP2-0734: unknown command beginning "EMPLOYEE\_N..." - rest of line ignored.

SQL> SALARY

SALARY NUMBER(10,2)

SQL>

SQL> SELECT CONSTRAINT\_NAME,CONSTRAINT\_TYPE, TABLE\_NAME FROM USER\_CONSTRAINTS WHERE TABLE\_NAME='EMP\_NEW1';

no rows selected

SQL> SELECT CONSTRAINT\_NAME,CONSTRAINT\_TYPE, TABLE\_NAME FROM USER\_CONSTRAINTS WHERE TABLE\_NAME='EMPO\_NEW1';

CONSTRAINT\_NAME C TABLE\_NAME

------------------------------ - ------------------------------

EMPO\_NEW1\_PK P EMPO\_NEW1

SQL> SELECT CONSTRAINT\_NAME,CONSTRAINT\_TYPE, TABLE\_NAME FROM USER\_CONSTRAINTS WHERE TABLE\_NAME='EMPO\_NEW

2

SQL> CREATE TABLE EMPO\_NEW2 AS SELECT \* FROM EMPO\_NEW1;

Table created.

SQL> DESC EMPO\_NEW2

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

SQL> CREATE TABLE EMOP\_NEW3 AS SELECT EMPNO, ENAME FROM EMP\_NEW1;

CREATE TABLE EMOP\_NEW3 AS SELECT EMPNO, ENAME FROM EMP\_NEW1

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> CREATE TABLE EMOP\_NEW3 AS SELECT EMPNO, ENAME FROM EMPO\_NEW1;

Table created.

SQL> DESC EMPO\_NEW3

ERROR:

ORA-04043: object EMPO\_NEW3 does not exist

SQL> DESC EMOP\_NEW3;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NUMBER

ENAME VARCHAR2(30)

SQL> ALTER TABLE EMPO\_NEW ADD LOCATION VARCHAR2(40);

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

SQL> ALTER TABLE EMPO\_NEW ADD (LOCATION VARCHAR2(40),ADDRESS VARCHAR2(80));

ALTER TABLE EMPO\_NEW ADD (LOCATION VARCHAR2(40),ADDRESS VARCHAR2(80))

\*

ERROR at line 1:

ORA-01430: column being added already exists in table

SQL> ALTER TABLE EMPO\_NEW ADD (CITY VARCHAR2(10),ADDRESS VARCHAR2(80));

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME VARCHAR2(30)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

ADDRESS VARCHAR2(80)

SQL> ALTER TABLE EMPO\_NEW MODIFY ENAME VARCHAR2(400) NOT NULL;

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

ADDRESS VARCHAR2(80)

SQL> ALTER TABLE DROP COLUMN (ADDRESS,CITY);

ALTER TABLE DROP COLUMN (ADDRESS,CITY)

\*

ERROR at line 1:

ORA-00903: invalid table name

SQL> ALTER TABLE DROP COLUMN ADDRESS,CITY;

ALTER TABLE DROP COLUMN ADDRESS,CITY

\*

ERROR at line 1:

ORA-00903: invalid table name

SQL> ALTER TABLE EMPO\_NEW DROP COLUMN ADDRESS,CITY;

ALTER TABLE EMPO\_NEW DROP COLUMN ADDRESS,CITY

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> ALTER TABLE EMPO\_NEW DROP COLUMN (ADDRESS,CITY);

ALTER TABLE EMPO\_NEW DROP COLUMN (ADDRESS,CITY)

\*

ERROR at line 1:

ORA-00904: : invalid identifier

SQL> ALTER TABLE EMPO\_NEW DROP COLUMN ADDRESS;

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

ENAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

SQL> ALTER TABLE EMPO\_NEW RENAME COLUMN ENAME TO EMPLOYEE\_NAME;

Table altered.

SQL> DESC EMPO\_NEW;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

EMPLOYEE\_NAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

SQL> ALTER TABLE EMPO\_NEW RENAME TO EMPLOYEE\_NEWG;

Table altered.

SQL> ALTER TABLE EMPO\_NEW ADD CONSTRAINT EMPO\_NEW\_PK PRIMARY KEY(EMPNO);

ALTER TABLE EMPO\_NEW ADD CONSTRAINT EMPO\_NEW\_PK PRIMARY KEY(EMPNO)

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> ALTER TABLE EMPLOYEE\_NEWG ADD CONSTRAINT EMPO\_NEW\_PK PRIMARY KEY(EMPNO);

Table altered.

SQL> DESC EMPLOYEE\_NEWG;

Name Null? Type

----------------------------------------- -------- ----------------------------

EMPNO NOT NULL NUMBER

EMPLOYEE\_NAME NOT NULL VARCHAR2(400)

SALARY NUMBER(10,2)

LOCATION VARCHAR2(40)

CITY VARCHAR2(10)

SQL> SELECT \* FROM EMO;

SELECT \* FROM EMO

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7369 SMITH CLERK 7902 17-DEC-80 950

20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300

30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500

30

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7566 JONES MANAGER 7839 02-APR-81 3075

20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400

30

7698 BLAKE MANAGER 7839 01-MAY-81 2850

30

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7782 CLARK MANAGER 7839 09-JUN-81 2450

10

7839 KING PRESIDENT 17-NOV-81 5000

10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0

30

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7902 FORD ANALYST 7566 03-DEC-81 3100

20

7934 MILLER CLERK 7782 23-JAN-82 1300

10

11 rows selected.

SQL> SET PAGESIZE 1000

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM

---------- ---------- --------- ---------- --------- ---------- ----------

DEPTNO

----------

7369 SMITH CLERK 7902 17-DEC-80 950

20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300

30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500

30

7566 JONES MANAGER 7839 02-APR-81 3075

20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400

30

7698 BLAKE MANAGER 7839 01-MAY-81 2850

30

7782 CLARK MANAGER 7839 09-JUN-81 2450

10

7839 KING PRESIDENT 17-NOV-81 5000

10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0

30

7902 FORD ANALYST 7566 03-DEC-81 3100

20

7934 MILLER CLERK 7782 23-JAN-82 1300

10

11 rows selected.

SQL> SET LINESIZE 1000

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7369 SMITH CLERK 7902 17-DEC-80 950 20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300 30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500 30

7566 JONES MANAGER 7839 02-APR-81 3075 20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

7839 KING PRESIDENT 17-NOV-81 5000 10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0 30

7902 FORD ANALYST 7566 03-DEC-81 3100 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

11 rows selected.

SQL> SET PAGESIZE 100

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7369 SMITH CLERK 7902 17-DEC-80 950 20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300 30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500 30

7566 JONES MANAGER 7839 02-APR-81 3075 20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

7839 KING PRESIDENT 17-NOV-81 5000 10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0 30

7902 FORD ANALYST 7566 03-DEC-81 3100 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

11 rows selected.

SQL> SELECT \* FROM EMP;

EMPNO ENAME JOB MGR HIREDATE SAL COMM DEPTNO

---------- ---------- --------- ---------- --------- ---------- ---------- ----------

7369 SMITH CLERK 7902 17-DEC-80 950 20

7499 ALLEN SALESMAN 7698 20-FEB-81 1600 300 30

7521 WARD SALESMAN 7698 22-FEB-81 1250 500 30

7566 JONES MANAGER 7839 02-APR-81 3075 20

7654 MARTIN SALESMAN 7698 28-SEP-81 1250 1400 30

7698 BLAKE MANAGER 7839 01-MAY-81 2850 30

7782 CLARK MANAGER 7839 09-JUN-81 2450 10

7839 KING PRESIDENT 17-NOV-81 5000 10

7844 TURNER SALESMAN 7698 08-SEP-81 1500 0 30

7902 FORD ANALYST 7566 03-DEC-81 3100 20

7934 MILLER CLERK 7782 23-JAN-82 1300 10

11 rows selected.

SQL> TRUNCATE TABLE EMPO\_NEW1;

Table truncated.

SQL> SELECT \* FROM EMPO\_NEW1;

no rows selected

SQL> SELECT \* FROM TAB;

SELECT \* FROM TAB

\*

ERROR at line 1:

ORA-04044: procedure, function, package, or type is not allowed here

SQL> DESC EMPLOYEE\_NEWG;

Name

----------------------------------------------------------------------------------------------------------

-----------------------------------------------------------------------------------------------------------

EMPNO

EMPLOYEE\_NAME

SALARY

LOCATION

CITY

SQL> DESC EMPO\_NEW1;

Name

----------------------------------------------------------------------------------------------------------

-----------------------------------------------------------------------------------------------------------

EMPNO

ENAME

SALARY

SQL> INSERT INTO EMPO\_NEW1 VALUES(1,'GANESH',90000);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

SQL> INSERT INTO EMPO\_NEW1 VALUES(1,'KAPIL',50000);

INSERT INTO EMPO\_NEW1 VALUES(1,'KAPIL',50000)

\*

ERROR at line 1:

ORA-00001: unique constraint (LAB2ETRG15.EMPO\_NEW1\_PK) violated

SQL> INSERT INTO EMPO\_NEW1 VALUES(3,'KAPIL');

INSERT INTO EMPO\_NEW1 VALUES(3,'KAPIL')

\*

ERROR at line 1:

ORA-00947: not enough values

SQL> INSERT INTO EMPO\_NEW1 VALUES(3,'KAPIL',NULL);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

3 KAPIL

SQL> INSERT INTO EMPO\_NEW1(EMPNO,SALARY) VALUES(3,30000);

INSERT INTO EMPO\_NEW1(EMPNO,SALARY) VALUES(3,30000)

\*

ERROR at line 1:

ORA-00001: unique constraint (LAB2ETRG15.EMPO\_NEW1\_PK) violated

SQL> INSERT INTO EMPO\_NEW1(EMPNO,SALARY) VALUES(4,30000);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

3 KAPIL

4 30000

SQL> UPDATE EMP\_NEW SET SALARY=40000 WHERE EMPNO=3;

UPDATE EMP\_NEW SET SALARY=40000 WHERE EMPNO=3

\*

ERROR at line 1:

ORA-00904: "SALARY": invalid identifier

SQL> UPDATE EMPO\_NEW1 SET SALARY=40000 WHERE EMPNO=3;

1 row updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 90000

3 KAPIL 40000

4 30000

SQL> UPDATE EMPO\_NEW1 SET SALARY=400000;

3 rows updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 GANESH 400000

3 KAPIL 400000

4 400000

SQL> EMPNO

SP2-0042: unknown command "EMPNO" - rest of line ignored.

SQL> EMPLOYEE\_NAME

SP2-0734: unknown command beginning "EMPLOYEE\_N..." - rest of line ignored.

SQL> SALARY

SP2-0042: unknown command "SALARY" - rest of line ignored.

SQL> UPDATE EMPO\_NEW1 SET SALARY=50000, ENAME = "DINESH" WHERE EMPNO=1;

UPDATE EMPO\_NEW1 SET SALARY=50000, ENAME = "DINESH" WHERE EMPNO=1

\*

ERROR at line 1:

ORA-00904: "DINESH": invalid identifier

SQL> UPDATE EMPO\_NEW1 SET SALARY=50000, ENAME = 'DINESH' WHERE EMPNO=1;

1 row updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

3 KAPIL 400000

4 400000

SQL> UPDATE EMPO\_NEW1 SET SALARY=50000, ENAME = 'DINESH';

3 rows updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

3 DINESH 50000

4 DINESH 50000

SQL> DELETE FROM EMPO\_NEW1 WHERE EMPNO=3;

1 row deleted.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 DINESH 50000

SQL> SELECT \* FROM EMPO\_NEW1 ORDER BY SALARY;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

4 DINESH 50000

1 DINESH 50000

SQL> SELECT \* FROM EMPO\_NEW1 ORDER BY SALARY DESC;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

4 DINESH 50000

1 DINESH 50000

SQL> UPDATE EMPO\_NEW1 SET SALARY=30000, ENAME = 'KAPIL' WHERE EMPNO=4;;

UPDATE EMPO\_NEW1 SET SALARY=30000, ENAME = 'KAPIL' WHERE EMPNO=4;

\*

ERROR at line 1:

ORA-00911: invalid character

SQL> UPDATE EMPO\_NEW1 SET SALARY=30000, ENAME = 'KAPIL' WHERE EMPNO=4;

1 row updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL 30000

SQL> SELECT \* FROM EMPO\_NEW1 ORDER BY SALARY DESC;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL 30000

SQL> SELECT \* FROM EMPO\_NEW1 ORDER BY SALARY;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

4 KAPIL 30000

1 DINESH 50000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1,2;

SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1,2

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1,4;

SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1,4

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1 OR 4;

SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1 OR 4

\*

ERROR at line 1:

ORA-00920: invalid relational operator

SQL> SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1 OR EMP\_NO=4;

SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1 OR EMP\_NO=4

\*

ERROR at line 1:

ORA-00904: "EMP\_NO": invalid identifier

SQL> SELECT \* FROM EMPO\_NEW1 WHERE EMPNO=1 OR EMPNO=4;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL 30000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE EMPNO IN (1,4);

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL 30000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE EMPNO IN (1,2);

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

SQL> UPDATE EMPO\_NEW1 SET SALARY=NULL WHERE EMPNO=4;

1 row updated.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL

SQL> INSERT INTO EMPO\_NEW1(EMPNO,SALARY) VALUES(3,30000);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL

3 30000

SQL> INSERT INTO EMPO\_NEW1 VALUES(2,'ARJITA',70000);

1 row created.

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL

3 30000

2 ARJITA 70000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE SALARY=NULL;

no rows selected

SQL> SELECT \* FROM EMPO\_NEW1 WHERE SALARY IS NULL;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

4 KAPIL

SQL> SELECT \* FROM EMPO\_NEW1 ORDER BY EMPNO;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

2 ARJITA 70000

3 30000

4 KAPIL

SQL> SELECT \* FROM EMPO\_NEW1 WHERE SALARY IS NOT NULL;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

3 30000

2 ARJITA 70000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME LIKE 'B%';

no rows selected

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME LIKE 'A%';

EMPNO ENAME SALARY

---------- ------------------------------ ----------

2 ARJITA 70000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME LIKE 'D%';

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME LIKE 'D%A';

no rows selected

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME LIKE 'D%H';

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME LIKE '%H';

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME LIKE '%L';

EMPNO ENAME SALARY

---------- ------------------------------ ----------

4 KAPIL

SQL> SELECT \* FROM EMPO\_NEW1 WHERE ENAME NOT LIKE '%L';

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

2 ARJITA 70000

SQL> SELECT LOWER(ENAME) FROM EMPO\_NEW1 WHERE SALARY IS NULL;

LOWER(ENAME)

------------------------------

kapil

SQL> SELECT INITCAP(ENAME) FROM EMPO\_NEW1 WHERE SALARY IS NULL;

INITCAP(ENAME)

------------------------------

Kapil

SQL> SELECT COUNT(SALARY) FROM EMPO\_NEW1;

COUNT(SALARY)

-------------

3

SQL> SELECT COUNT(NVL(SALARY,0)) FROM EMPO\_NEW1;

COUNT(NVL(SALARY,0))

--------------------

4

SQL> SELECT \* FROM EMPO\_NEW1;

EMPNO ENAME SALARY

---------- ------------------------------ ----------

1 DINESH 50000

4 KAPIL

3 30000

2 ARJITA 70000

SQL> SELECT EMPNO,ENAME,COUNT(NVL(SALARY,100)) FROM EMPO\_NEW1;

SELECT EMPNO,ENAME,COUNT(NVL(SALARY,100)) FROM EMPO\_NEW1

\*

ERROR at line 1:

ORA-00937: not a single-group group function

SQL> SELECT EMPNO,ENAME,NVL(SALARY,100) FROM EMPO\_NEW1;

EMPNO ENAME NVL(SALARY,100)

---------- ------------------------------ ---------------

1 DINESH 50000

4 KAPIL 100

3 30000

2 ARJITA 70000

SQL> SELECT ABS(-30) FROM DUAL;

ABS(-30)

----------

30

SQL> SELECT ABS(30) FROM DUAL;

ABS(30)

----------

30

SQL> SELECT POWER(3,2) FROM DUAL;

POWER(3,2)

----------

9

SQL> SELECT MOD(10,2) FROM DUAL;

MOD(10,2)

----------

0

SQL> SELECT MOD(9,2) FROM DUAL;

MOD(9,2)

----------

1

SQL> SELECT POWER(SALARY,2) FROM DUAL;

SELECT POWER(SALARY,2) FROM DUAL

\*

ERROR at line 1:

ORA-00904: "SALARY": invalid identifier

SQL> SELECT POWER(SALARY,2) FROM EMPO\_NEW1;

POWER(SALARY,2)

---------------

2500000000

900000000

4900000000