SQL\*Plus: Release 11.2.0.2.0 Production on Thu Aug 1 17:52:26 2019

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SQL> connect

Enter user-name: system

Enter password:

Connected.

SQL> desc empl1;

ERROR:

ORA-04043: object empl1 does not exist

SQL> desc employee;

Name Null? Type

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

ENAME NOT NULL VARCHAR2(10)

JOB VARCHAR2(10)

HIRE\_DATE DATE

EMP\_NO NOT NULL NUMBER(5)

DEPTNO NOT NULL NUMBER(5)

SQL> desc employee1;

Name Null? Type

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

EMPNO NOT NULL NUMBER(5)

ENAME NOT NULL VARCHAR2(10)

DEPTNO NUMBER(5)

JOB VARCHAR2(5)

HIREDATE DATE

SQL> desc empl1;

ERROR:

ORA-04043: object empl1 does not exist

SQL> Create table Empl1

2 (

3 ENAME varchar2(10),DEPT\_NAME varchar2(10),DESIGNATION varchar2(10),SALARY NUMBER(10),DATE\_OF\_JOIN date

4 );

Table created.

SQL>

SQL> Insert into Empl1 values('KARAN','ACCOUNTING','DIRECTOR',50000,'17-Nov-12');

1 row created.

SQL> Insert into Empl1 values('FARAH','RESEARCH','ANALYST',30000,'03-Dec-91');

1 row created.

SQL> Insert into Empl1 values('SCINDIA','RESEARCH','ANALYST',30000,'09-Dec-12');

1 row created.

SQL> Insert into Empl1 values('JOY','RESEARCH','MANAGER',29750,'02-Apr-11');

1 row created.

SQL> Insert into Empl1 values('BHASKAR','SALES','MANAGER',28500,'01-May-99');

1 row created.

SQL> Insert into Empl1 values('CHANDER','ACCOUNTING','MANAGER',24500,'09-June-00');

1 row created.

SQL> Insert into Empl1 values('ANIL','SALES','SALESMAN',16000,'20-Feb-91');

1 row created.

SQL> Insert into Empl1 values('TOMAR','SALES','SALESMAN',15000,'08-Sep-01');

1 row created.

SQL> Insert into Empl1 values('MILIND','ACCOUNTING','CLERK',13000,'23-Jan-02');

1 row created.

SQL> Insert into Empl1 values('SAXENA','SALES','SALESMAN',12500,'28-Sep-99');

1 row created.

SQL> Insert into Empl1 values('TOMAR','SALES','SALESMAN',14500,'22-Feb-97');

1 row created.

SQL> Insert into Empl1 values('ANAND','RESEARCH','CLERK',11000,'12-Jan-93');

1 row created.

SQL> Insert into Empl1 values('GEORGE','SALES','CLERK',9500,'03-Dec-90');

1 row created.

SQL> Insert into Empl1 values('SURESH','RESEARCH','CLERK',8000,'17-Dec-92');

1 row created.

SQL> select \* from empl1;

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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KARAN ACCOUNTING DIRECTOR 50000 17-NOV-12

FARAH RESEARCH ANALYST 30000 03-DEC-91

SCINDIA RESEARCH ANALYST 30000 09-DEC-12

JOY RESEARCH MANAGER 29750 02-APR-11

BHASKAR SALES MANAGER 28500 01-MAY-99

CHANDER ACCOUNTING MANAGER 24500 09-JUN-00

ANIL SALES SALESMAN 16000 20-FEB-91

TOMAR SALES SALESMAN 15000 08-SEP-01

MILIND ACCOUNTING CLERK 13000 23-JAN-02

SAXENA SALES SALESMAN 12500 28-SEP-99

TOMAR SALES SALESMAN 14500 22-FEB-97

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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ANAND RESEARCH CLERK 11000 12-JAN-93

GEORGE SALES CLERK 9500 03-DEC-90

SURESH RESEARCH CLERK 8000 17-DEC-92

14 rows selected.

SQL> Select ename from empl1 where salary<20000;

ENAME

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ANIL

TOMAR

MILIND

SAXENA

TOMAR

ANAND

GEORGE

SURESH

8 rows selected.

SQL> Select \* from Empl1 where dept\_name=’SALES’ and designation=’MANAGER’;

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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BHASKAR SALES MANAGER 28500 01-MAY-99

SQL> Select \* from Empl1 where ename like 'S%’;

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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SCINDIA RESEARCH ANALYST 30000 09-DEC-12

SAXENA SALES SALESMAN 12500 28-SEP-99

SURESH RESEARCH CLERK 8000 17-DEC-92

SQL> Select \* from Empl1 where dept\_name=’RESEARCH’;

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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FARAH RESEARCH ANALYST 30000 03-DEC-91

SCINDIA RESEARCH ANALYST 30000 09-DEC-12

JOY RESEARCH MANAGER 29750 02-APR-11

ANAND RESEARCH CLERK 11000 12-JAN-93

SURESH RESEARCH CLERK 8000 17-DEC-92

SQL> Select \* from Empl1 where date\_of\_join>'01-Jan-10';

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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KARAN ACCOUNTING DIRECTOR 50000 17-NOV-12

SCINDIA RESEARCH ANALYST 30000 09-DEC-12

JOY RESEARCH MANAGER 29750 02-APR-11

SQL> Select count(Ename) from empl1 where salary between 8000 and 12500;

COUNT(ENAME)

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4

SQL> Select \* from Empl1 order by ename;

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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ANAND RESEARCH CLERK 11000 12-JAN-93

ANIL SALES SALESMAN 16000 20-FEB-91

BHASKAR SALES MANAGER 28500 01-MAY-99

CHANDER ACCOUNTING MANAGER 24500 09-JUN-00

FARAH RESEARCH ANALYST 30000 03-DEC-91

GEORGE SALES CLERK 9500 03-DEC-90

JOY RESEARCH MANAGER 29750 02-APR-11

KARAN ACCOUNTING DIRECTOR 50000 17-NOV-12

MILIND ACCOUNTING CLERK 13000 23-JAN-02

SAXENA SALES SALESMAN 12500 28-SEP-99

SCINDIA RESEARCH ANALYST 30000 09-DEC-12

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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SURESH RESEARCH CLERK 8000 17-DEC-92

TOMAR SALES SALESMAN 14500 22-FEB-97

TOMAR SALES SALESMAN 15000 08-SEP-01

14 rows selected.

SQL> Select \* from Empl1 where designation='SALESMAN' and date\_of\_join>'01-Aug-90';

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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ANIL SALES SALESMAN 16000 20-FEB-91

TOMAR SALES SALESMAN 15000 08-SEP-01

SAXENA SALES SALESMAN 12500 28-SEP-99

TOMAR SALES SALESMAN 14500 22-FEB-97

SQL> Select \* from Empl1 where designation='CLERK';

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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MILIND ACCOUNTING CLERK 13000 23-JAN-02

ANAND RESEARCH CLERK 11000 12-JAN-93

GEORGE SALES CLERK 9500 03-DEC-90

SURESH RESEARCH CLERK 8000 17-DEC-92

SQL> Select Count(Ename) "Count\_of\_salesman" from Empl1 where designation =’SALESMAN’ and dept\_name=’SALES’;

Count\_of\_salesman

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4

SQL> Select Count(ename) "Count\_emp" from Empl1 ;

Count\_emp

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14

SQL> Select \* from Empl1 where date\_of\_join between '01-Jan-97' and '31-Dec-10';

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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BHASKAR SALES MANAGER 28500 01-MAY-99

CHANDER ACCOUNTING MANAGER 24500 09-JUN-00

TOMAR SALES SALESMAN 15000 08-SEP-01

MILIND ACCOUNTING CLERK 13000 23-JAN-02

SAXENA SALES SALESMAN 12500 28-SEP-99

TOMAR SALES SALESMAN 14500 22-FEB-97

6 rows selected.

SQL> Select \* from Empl1 order by salary DESC;

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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KARAN ACCOUNTING DIRECTOR 50000 17-NOV-12

FARAH RESEARCH ANALYST 30000 03-DEC-91

SCINDIA RESEARCH ANALYST 30000 09-DEC-12

JOY RESEARCH MANAGER 29750 02-APR-11

BHASKAR SALES MANAGER 28500 01-MAY-99

CHANDER ACCOUNTING MANAGER 24500 09-JUN-00

ANIL SALES SALESMAN 16000 20-FEB-91

TOMAR SALES SALESMAN 15000 08-SEP-01

TOMAR SALES SALESMAN 14500 22-FEB-97

MILIND ACCOUNTING CLERK 13000 23-JAN-02

SAXENA SALES SALESMAN 12500 28-SEP-99

ENAME DEPT\_NAME DESIGNATIO SALARY DATE\_OF\_J

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ANAND RESEARCH CLERK 11000 12-JAN-93

GEORGE SALES CLERK 9500 03-DEC-90

SURESH RESEARCH CLERK 8000 17-DEC-92

14 rows selected.

SQL>

SQL> Create table Programmer(

2 PNAME VARCHAR(10) PRIMARY KEY, DOB DATE, DOJ DATE, SEX CHAR(1), PROF1 VARCHAR2(10), PROF2 VARCHAR2(10), SAL NUMBER(7)

3 );

Table created.

SQL> Create table Studies (PNAME VARCHAR2(10),SPLACE VARCHAR2(10),COURSE VARCHAR2(10), COST NUMBER(6) ,

2 FOREIGN KEY(PNAME) REFERENCES PROGRAMMER(PNAME)

3 );

Table created.

SQL>

SQL> Create Table Software (PNAME VARCHAR2 (10), TITLE VARCHAR2(10), DEVIN VARCHAR2(10), SCOST NUMBER(7), DCOST NUMBER(7), SOLD NUMBER(8),

2 FOREIGN KEY(PNAME) REFERENCES PROGRAMMER(PNAME)

3 );

Table created.

SQL>

SQL>

SQL> insert into programmer values('Rakesh','03-Apr-96','10-Nov-14','M','C','Oracle',6000);

1 row created.

SQL> insert into programmer values('Mariam','30-Aug-97','02-Jan-18','F','Pascal','C',7000);

1 row created.

SQL> insert into programmer values('Vaishali','18-Feb-95','24-Sep-16','F','VB','Pascal',7500);

1 row created.

SQL> insert into programmer values('Ankit','10-Dec-93','13-Jan-13','M','VB','Oracle',14000);

1 row created.

SQL> insert into programmer values('Sumit','06-Aug-98','19-Mar-15','M','C++','Java',18000);

1 row created.

SQL>

SQL>

SQL> insert into studies values('Rakesh','Pentafour','PGDCA',12000);

1 row created.

SQL> insert into studies values('Mariam','PRAGATHI','DCA',16000);

1 row created.

SQL> insert into studies values('Vaishali','UP','MCA',14000);

1 row created.

SQL> insert into studies values('Ankit','Rajasthan','Pharma',18000);

1 row created.

SQL> insert into studies values('Sumit','Delhi','MBA',22000);

1 row created.

SQL>

SQL>

SQL> insert into software values('Rakesh','Database','Oracle',7000,4000,2);

1 row created.

SQL> insert into software values('Mariam','OS','C',2500,5000,3);

1 row created.

SQL> insert into software values('Vaishali','FrameWork','VB',6500,3500,2);

1 row created.

SQL> insert into software values('Ankit','DB','Oracle',3000,7000,3);

1 row created.

SQL> insert into software values('Sumit','App','Java',3200,6500,2);

1 row created.

SQL> insert into dept2 values(30,'Software','Delhi');

1 row created.

SQL> insert into dept2 values(10,'Admin','Gurugram');

1 row created.

SQL> insert into dept2 values(20,'Management','Noida');

1 row created.

SQL> insert into dept2 values(40,'App','Kirti\_Nagar');

1 row created.

SQL> insert into emp2 values(7,'Sumit','Tester',93,'13-Jul-16',18000,3,30);

1 row created.

SQL> insert into emp2 values(11,'Ankit','Engineer',52,'10-Sep-17',19000,2,10);

1 row created.

SQL> insert into emp2 values(52,'Chandani','Manager',NULL,'21-Feb-16',16430,1.4,20);

1 row created.

SQL> insert into emp2 values(93,'Sumit','Developer',52,'01-Jan-18',22000,1.5,40);

1 row created.