```
Run SQL Command Line
SQL*Plus: Release 11.2.0.2.0 Production on Wed Feb 3 11:01:45 2021
Copyright (c) 1982, 2014, Oracle. All rights reserved.
SQL> connect
Enter user-name: system
Enter password:
Connected.
SQL> create table dept(dnum int primary key,dname varchar(20),hod int);
Table created.
SQL> create table emp(eno int primary key,ename varchar(15),sal int,dno int);
Table created.
SQL> alter table dept add constraint hod foreign key references emp(eno);
alter table dept add constraint hod foreign key references emp(eno)
ERROR at line 1:
ORA-00906: missing left parenthesis
SQL> alter table dept add constraint dept fk foreign key (hod) references emp(eno);
Table altered.
SQL> alter table emp add constraint emp_fk foreign key (dno) references dept(dnum);
Table altered.
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Run SQL Command Line
Connected.
SQL> desc emp
                                            Null?
 Name
                                                     Type
 ENO
                                            NOT NULL NUMBER(38)
 ENAME
                                                     VARCHAR2(15)
 SAL
                                                     NUMBER(38)
 DNO
                                                     NUMBER(38)
SQL> desc dept;
                                            Null? Type
 Name
 DNUM
                                            NOT NULL NUMBER(38)
 DNAME
                                                     VARCHAR2(20)
 HOD
                                                     NUMBER(38)
SQL> insert into dept values(10, 'HR', NULL);
1 row created.
SQL> insert into dept values(20, 'ACCT', NULL);
1 row created.
SQL> insert into emp values(101, 'KIRAN', 90000, 20);
1 row created.
SQL> insert into emp values(104, 'MOHAN', 85000, 10);
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Run SQL Command Line
                                            Null? Type
 DNUM
                                            NOT NULL NUMBER(38)
                                                      VARCHAR2(20)
 DNAME
                                                      NUMBER(38)
 HOD
SQL> insert into dept values(10, 'HR', NULL);
1 row created.
SQL> insert into dept values(20, 'ACCT', NULL);
1 row created.
SQL> insert into emp values(101, 'KIRAN', 90000, 20);
1 row created.
SQL> insert into emp values(104, 'MOHAN', 85000, 10);
1 row created.
SQL> insert into emp values(109, 'JOHN', 60000, 10);
1 row created.
SQL> insert into emp values(113, 'JAMES', 79000, 10);
1 row created.
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Run SQL Command Line

SQL> update dept set hod=104 where dnum=10;

1 row updated.

SQL> update dept set hod=101 where dnum=20;

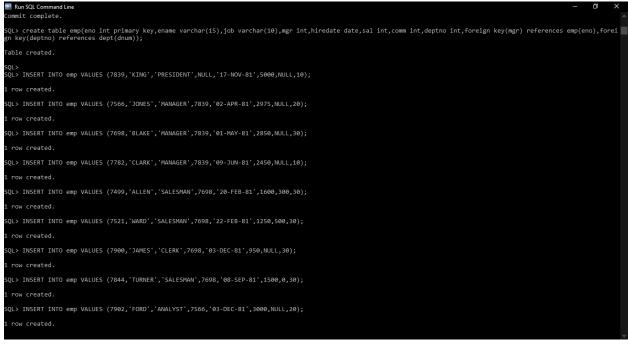
1 row updated.

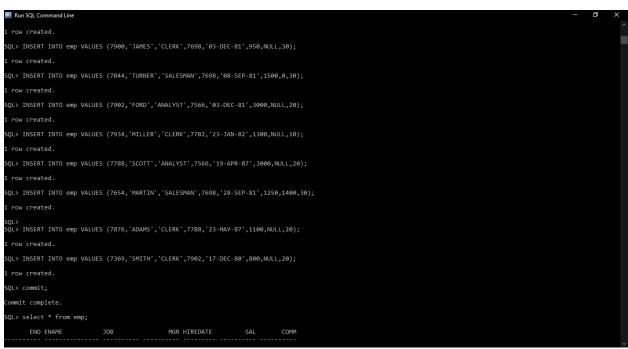
SQL>

SQL>
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™ Run SQL Command Line SQL> select * from dept; DNUM DNAME HOD 10 HR 104 20 ACCT 101 SQL> select * from emp; ENO ENAME SAL DNO 101 KIRAN 90000 20 104 MOHAN 85000 10 109 JOHN 60000 10 113 JAMES 79000 10

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Run SQL Command Line
        109 JOHN
                                       60000
                                                        10
        113 JAMES
                                       79000
                                                        10
SQL> commit;
Commit complete.
SQL> drop table dept;
drop table dept
ERROR at line 1:
ORA-02449: unique/primary keys in table referenced by foreign keys
SQL> drop constraint emp_fk;
drop constraint emp_fk
ERROR at line 1:
ORA-00950: invalid DROP option
SQL> alter table emp drop constraint emp_fk;
Table altered.
SQL> drop table dept;
Table dropped.
SQL> _
Run SQL Command Line
SQL> create table emp(eno int primary key,ename varchar(15),job varchar(10),mgr int,hiredate date,sal int,comm int,deptno int,foreign key(mgr) references emp(eno),forei
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Run SQL C	ommand Line				
	t * from emp;				
	ENAME	JOB	MGR HIREDATE	SAL	COMM
DEPTNO					
		PRESIDENT	17-NOV-81	5000	
10		PRESIDENT	17-1104-81	5000	
7566 20	JONES	MANAGER	7839 02-APR-81	2975	
	BLAKE	MANAGER	7839 01-MAY-81	2850	
30		PANAGER	7639 01-MAT-61	2830	
ENO	ENAME	JOB	MCD HIDEDATE	SAL	COMM
	ENAME		MGR HIREDATE		COMM
DEPTNO					
7782 10	CLARK	MANAGER	7839 09-JUN-81	2450	
7499	ALLEN	SALESMAN	7698 20-FEB-81	1600	300
30					
7521 30	WARD	SALESMAN	7698 22-FEB-81	1250	500
30					
ENO	ENAME	ЈОВ	MGR HIREDATE	SAL	COMM
DEPTNO					
	JAMES	CLERK	7698 03-DEC-81	950	
30					
7844 30	TURNER	SALESMAN	7698 08-SEP-81	1500	
	FORD	ANALYST	7566 03-DEC-81	3000	
20					

Dur COL	Command Line				
	Command Line O ENAME	ЈОВ	MGR HIREDATE	SAL	COMM
DEPTN					
790 3	0 JAMES	CLERK	7698 03-DEC-81	950	
784 3	4 TURNER 0	SALESMAN	7698 08-SEP-81	1500	
790 2	2 FORD 0	ANALYST	7566 03-DEC-81	3000	
EN	O ENAME	ЈОВ	MGR HIREDATE	SAL	COMM
DEPTN					
	4 MILLER	CLERK	7782 23-JAN-82	1300	
778: 2	8 SCOTT 0	ANALYST	7566 19-APR-87	3000	
765- 3	4 MARTIN 0	SALESMAN	7698 28-SEP-81	1250	1400
EN	O ENAME	ЈОВ	MGR HIREDATE	SAL	COMM
DEPTN					
787 2	6 ADAMS 0	CLERK	7788 23-MAY-87	1100	
736	9 SMITH 0	CLERK	7902 17-DEC-80	800	
14 rows s	elected.				
SQL> sele	ct eno,ename from	ı emp;			
	O ENAME				

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## Ran SQL Command Line

## SQL Select eno, ename from emp;

ENO CHAME

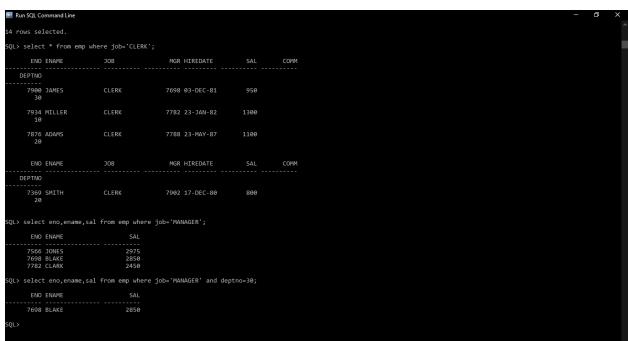
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Run SQL Command Line
             ENO ENAME
       DEPTNO
           7369 SMITH
20
                                                                                                                                     800
 SQL> select eno,ename,sal from emp where job='MANAGER';
           7566 JONES
7698 BLAKE
7782 CLARK
 SQL> select eno,ename,sal from emp where job='MANAGER' and deptno=30;
           7698 BLAKE
 SQL> select hiredate from emp;
HIREDATE
17-NOV-81

92-APR-81

91-MAY-81

99-JUN-81

20-FEB-81

22-FEB-81

93-DEC-81

93-DEC-81

23-JAN-82

19-APR-87
 28-SEP-81
23-MAY-87
17-DEC-80
           7839 KING
7782 CLARK
7900 JAMES
7844 TURNER
7902 FORD
7934 MILLER
7788 SCOTT
7654 MARTIN
7876 ADAMS
                                                     17-NOV-81

09-JUN-81

03-DEC-81

08-SEP-81

03-DEC-81

23-JAN-82

19-APR-87

28-SEP-81

23-MAY-87
 SQL> _
```

```
## Run SQL Command Line

COUNT(')

14

SQL> select eno emp_number, ename from emp;

EMP_NUMBER_EMAME

7839 KITMS
7509 ADMES
7783 CLAMA
7409 ALLEN
7501 JAMES
7504 FORM
7509 TAMES
7504 FORM
7509 TAMES
7504 FORM
7509 TAMES
7504 FORM
7509 TAMES
7509 SAITM
14 rows selected.

SQL> selected eno, ename from emp where ename like 'AX';

ENO FORM
7409 ALLEN
7506 ADMES
```