SQL\*Plus: Release 11.2.0.2.0 Production on Mon Dec 26 10:08:18 2022

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SQL> connect /as sysdba

Connected.

SQL> create table student

2 (studid varchar2(10)primary key,studname varchar(15),section char(7),age number(5));

Table created.

SQL> desc student;

Name Null? Type

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

STUDID NOT NULL VARCHAR2(10)

STUDNAME VARCHAR2(15)

SECTION CHAR(7)

AGE NUMBER(5)

SQL> insert into student values(1,'A','B',10);

1 row created.

SQL> insert into student values(2,'C','D',15);

1 row created.

SQL> insert into student values(3,'E','F',20);

1 row created.

SQL> insert into student values(4,'G','H',17);

1 row created.

SQL> insert into student values(5,'I','J',18);

1 row created.

SQL> insert into student values(6,'K','L',19);

1 row created.

SQL> SELECT \* FROM STUDENT;

STUDID STUDNAME SECTION AGE

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1 A B 10

2 C D 15

3 E F 20

4 G H 17

5 I J 18

6 K L 19

6 rows selected.

SQL> create table dept

2 (deptname varchar2(10));

Table created.

SQL> alter table dept add(constraint fkd foreign key(studid) references studid(studid));

alter table dept add(constraint fkd foreign key(studid) references studid(studid))

\*

ERROR at line 1:

ORA-00904: "STUDID": invalid identifier

SQL> alter table dept add(studid varchar2(10));

Table altered.

SQL> alter table dept add(constraint fkd foreign key(studid) references studid(studid));

alter table dept add(constraint fkd foreign key(studid) references studid(studid))

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> alter table dept add(constraint fkd foreign key(studid) references stud(studid));

alter table dept add(constraint fkd foreign key(studid) references stud(studid))

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> alter table dept add(constraint fkd foreign key(studid) references student(studid));

Table altered.

SQL> desc dept;

Name Null? Type

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

DEPTNAME VARCHAR2(10)

STUDID VARCHAR2(10)

SQL> insert into dept values(1,'CS'),(2,'MATHS');

insert into dept values(1,'CS'),(2,'MATHS')

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> insert into dept values(1,'CS');

insert into dept values(1,'CS')

\*

ERROR at line 1:

ORA-02291: integrity constraint (SYS.FKD) violated - parent key not found

SQL> insert into dept values('CS',1);

1 row created.

SQL> insert into dept values('MATHS',2);

1 row created.

SQL> insert into dept values('MATHS',3);

1 row created.

SQL> insert into dept values('CIVIL',4);

1 row created.

SQL> insert into dept values('CIVIL',5);

1 row created.

SQL> insert into dept values('CS\',6);

1 row created.

SQL> DELETE FROM DEPT WHERE DEPTNAME='CS\';

1 row deleted.

SQL> insert into dept values('CS',6);

1 row created.

SQL>