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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> SELECT \* FROM DDEPT;

SELECT \* FROM DDEPT

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> SELECT \* FROM DEPT;

DEPTNAME STUDID

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CS 1

MATHS 2

MATHS 3

CIVIL 4

CIVIL 5

CS 6

6 rows selected.

SQL> CREATE TABLE contact

2 (studid varchar2(10),emailid varchar2(18),mobileno number(10));

Table created.

SQL> insert into contact values(1,'anandaakash1214@gmail.com',9788739976):

2 insert into contact values(1,'anandaakash1214@gmail.com',9788739976);

SP2-0552: Bind variable "INSERT" not declared.

SQL> insert into contact values(1,'anandaakash1214@gmail.com',9788739976);

insert into contact values(1,'anandaakash1214@gmail.com',9788739976)

\*

ERROR at line 1:

ORA-12899: value too large for column "SYS"."CONTACT"."EMAILID" (actual: 25,

maximum: 18)

SQL> alter table contact modify(emailid varchar2(25));

Table altered.

SQL> insert into contact values(1,'anandaakash1214@gmail.com',9788739976);

1 row created.

SQL> insert into contact values(2,'babuelango2002@gmail.com',9994701641);

1 row created.

SQL> insert into contact values(3,'viralmemes@gmail.com',9342737383);

1 row created.

SQL> insert into contact values(4,'sarath121@gmail.com',8072378456);

1 row created.

SQL> insert into contact values(5,'thalaak07@gmail.com',8072445687);

1 row created.

SQL> insert into contact values(6,'thalapathy10@gmail.com',7904414768);

1 row created.

SQL> select\*from contact;

STUDID EMAILID MOBILENO

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1 anandaakash1214@gmail.com 9788739976

2 babuelango2002@gmail.com 9994701641

3 viralmemes@gmail.com 9342737383

4 sarath121@gmail.com 8072378456

5 thalaak07@gmail.com 8072445687

6 thalapathy10@gmail.com 7904414768

6 rows selected.

SQL> create view vw as select studname,section,age from student inner join dept on student.studid=dept.studid;

View created.

SQL> select\*from vw;

STUDNAME SECTION AGE

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A B 10

C D 15

E F 20

G H 17

I J 18

K L 19

6 rows selected.