

```
SQL> CREATE TABLE STUD2(  
  2 SNAME VARCHAR(20),  
  3 CID NUMBER (4) REFERENCES COUR(CID),  
  4 COID NUMBER (4) REFERENCES COUR(CID));
```

Table created.

```
SQL> DESC STUD2;
```

| Name | Null? | Type |
|-------|-------|--------------|
| ----- | | |
| SNAME | | VARCHAR2(20) |
| CID | | NUMBER(4) |
| COID | | NUMBER(4) |

```
SQL> SELECT * FROM COUR;
```

| CID | CNAME | TNAME |
|-------|-------|---------|
| ----- | | |
| 101 | JAVA | RAVEESH |
| 102 | WEB | KISHORE |

```
SQL> --CREATION OF ANOTHER TABLE
```

```
SQL> CREATE TABLE EXAM(  
  2 CID NUMBER(5) PRIMARY KEY,  
  3 ENAME VARCHAR(20));
```

Table created.

```
SQL> INSERT INTO EXAM VALUES (1001,'JAVA-MOCK');
```

1 row created.

```
SQL> INSERT INTO EXAM VALUES (1002,'WEB-MOCK');
```

1 row created.

```
SQL> INSERT INTO EXAM VALUES (1003,'SQL-MOCK');
```

1 row created.

```
SQL> COMMIT;
```

Commit complete.

```
SQL> SELECT * FROM EXAM;
```

| CID | ENAME |
|------|-----------|
| 1001 | JAVA-MOCK |
| 1002 | WEB-MOCK |
| 1003 | SQL-MOCK |

```
SQL> --- CREATE OF CHILD TABLE
```

```
SQL> CREATE TABLE STUD(  
  2 SID NUMBER(4) PRIMARY KEY,  
  3 SNAME VARCHAR (20) NOT NULL,  
  4 AGE NUMBER (3) CHECK (AGE>=19),  
  5 CID NUMBER (4) REFERENCES COUR(CID),  
  6 EID NUMBER (5) REFERENCES EXAM(EID));
```

```
CREATE TABLE STUD(  
  *
```

ERROR at line 1:

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

```
SQL> SELECT * FROM TAB;
```

| TNAME | TABTYPE | CLUSTERID |
|-------|---------|-----------|
| DEPT | TABLE | |
| EMP | TABLE | |

| | |
|----------|-------|
| BONUS | TABLE |
| SALGRADE | TABLE |
| COLLAGE | TABLE |
| CSTUD | TABLE |
| WORKER | TABLE |
| PRODUCT | TABLE |
| STUDENT | TABLE |
| COUR | TABLE |
| STUD | TABLE |

| | | |
|-------|---------|-----------|
| TNAME | TABTYPE | CLUSTERID |
|-------|---------|-----------|

| | |
|-------|-------|
| STUD2 | TABLE |
| EXAM | TABLE |

13 rows selected.

SQL> SET PAGES 140

SQL> SET LINES 140

SQL> SELECT * FROM TAB;

| | | |
|-------|---------|-----------|
| TNAME | TABTYPE | CLUSTERID |
|-------|---------|-----------|

| | |
|----------|-------|
| DEPT | TABLE |
| EMP | TABLE |
| BONUS | TABLE |
| SALGRADE | TABLE |
| COLLAGE | TABLE |
| CSTUD | TABLE |
| WORKER | TABLE |
| PRODUCT | TABLE |
| STUDENT | TABLE |
| COUR | TABLE |
| STUD | TABLE |
| STUD2 | TABLE |

| EXAM | TABLE |
|------|-------|
|------|-------|

13 rows selected.

```
SQL> SELECT * FROM STUD;
```

no rows selected

```
SQL> CREATE TABLE STUD3 (
2  SID NUMBER(4) PRIMARY KEY,
3  SNAME VARCHAR (20) NOT NULL,
4  AGE NUMBER (3) CHECK (AGE>=19),
5  CID NUMBER (4) REFERENCES COUR(CID),
6  EID NUMBER (5) REFERENCES EXAM(EID));
EID NUMBER (5) REFERENCES EXAM(EID))
```

ERROR at line 6:

ORA-00904: "EID": invalid identifier

```
SQL> CREATE TABLE STUD3 (
2  SID NUMBER(4) PRIMARY KEY,
3  SNAME VARCHAR (20) NOT NULL,
4  AGE NUMBER (3) CHECK (AGE>=19),
5  CID NUMBER (4) REFERENCES COUR(CID),
6  EID NUMBER (5) REFERENCES EXAM(CID));
```

Table created.

```
SQL> DESC STUD3;
```

| Name | Null? | Type |
|-------|----------|--------------|
| SID | NOT NULL | NUMBER(4) |
| SNAME | NOT NULL | VARCHAR2(20) |
| AGE | | NUMBER(3) |

| | |
|-----|-----------|
| CID | NUMBER(4) |
| EID | NUMBER(5) |

SQL> INSERT INTO STUD3

2 VALUES(1,'RAM',20,101,1001);

1 row created.

SQL> SELECT * FROM STUD3;

| SID | SNAME | AGE | CID | EID |
|-----|-------|-----|-----|------|
| 1 | RAM | 20 | 101 | 1001 |

SQL> INSERT INTO STUD3

2 VALUES(2,'MITA',22,103,NULL);

INSERT INTO STUD3

*

ERROR at line 1:

ORA-02291: integrity constraint (SCOTT.SYS_C007036) violated - parent key not found

SQL> SPPOOL OFF