Object :- Work with data constraints.   (Kanupriya Tiwari)

(Betn1cs21044)

 (DSML-C)

SQL> create table emp7

 2 (

 3 eno number(3) primary key,

 4 ename varchar(10),

 5 dept_no number(4)

 6);

Table created.

SQL> insert into emp7

 2 values(&eno, '&ename',&dept_no);

Enter value for eno: 101

Enter value for ename: aaa

Enter value for dept_no: 10

old   2: values(&eno, '&ename',&dept_no)

new   2: values(101, 'aaa',10)

1 row created.

SQL> /

Enter value for eno: 102

Enter value for ename: bbb

Enter value for dept_no: 11

old   2: values(&eno, '&ename',&dept_no)

new   2: values(102, 'bbb',11)

1 row created.

SQL> /

Enter value for eno: 103

Enter value for ename: ccc

Enter value for dept_no: 12

old   2: values(&eno, '&ename',&dept_no)

new   2: values(103, 'ccc',12)

1 row created.

SQL> select * from emp7;


```
       ENO ENAME      DEPT_NO
---------- ---------- ----------
       101 aaa            10
       102 bbb            11
       103 ccc            12
```


SQL> create table emp_mobi

  2   (

  3   eno number(5),

  4   mobile number(10),

  5   primary key(eno,mobile),

  6   foreign key(eno)references emp7(eno)

  7   );

Table created.

SQL> insert into emp_mobi

  2 values(&eno, &mobile);

Enter value for eno: 101

Enter value for mobile: 1111111

old   2: values(&eno, &mobile)

new   2: values(101, 1111111)

1 row created.

SQL> insert into emp_mobi

 2 values(&eno, &mobile);

Enter value for eno: 101

Enter value for mobile: 2222222

old   2: values(&eno, &mobile)

new   2: values(101, 2222222)

1 row created.

SQL> insert into emp_mobi

 2 values(&eno, &mobile);

Enter value for eno: 102

Enter value for mobile: 333333

old   2: values(&eno, &mobile)

new   2: values(102, 333333)

1 row created.

SQL> select * from emp_mobi;

    ENO   MOBILE

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

    101   1111111

    101   2222222

```
      102    333333

SQL> insert into emp_mobi
  2  values(&eno, &mobile );
Enter value for eno: 20
Enter value for mobile: 1111111
old   2: values(&eno, &mobile )
new   2: values(20, 1111111 )
insert into emp_mobi
*
ERROR at line 1:
ORA-02291: integrity constraint (SYSTEM.SYS_C007008) violated - parent key not
found
}
```