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ENRL: 2020CSB092

CREATING TABLES:

CREATING TABLE ZIPCODES

INSERTING VALUES IN ZIPCODES

```
mysql> INSERT INTO ZIPCODES VALUES (67226,"wichita"),(60606,"fort dodge");
Query OK, 2 rows affected (0.00 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

ZIPCODES TABLE after INSERTING VALUES

CREATING TABLE EMPLOYEES

ZIPCODES TABLE after INSERTING VALUES

```
mysql> SELECT * FROM EMPLOYEES;

| eno | ename | zip | hdate |
| 1000 | jones | 67226 | 1995-12-12 |
| 1001 | smith | 60606 | 1994-09-01 |
| 1002 | brown | 50302 | 1994-09-01 |
| 1003 | bapi | 54444 | 1997-11-21 |
| 1004 | sanjit | 54444 | 1985-02-10 |
| 1005 | komal | 61111 | 1999-01-05 |
| 1006 | ramanath | 66006 | 1985-05-07 |
| 1007 | pasupati | 61111 | 1985-03-03 |
| 1008 | uttam | 65222 | 1984-09-06 |
| 1009 | arup | 63111 | 1984-01-31 |
| 1010 | biplab | 60706 | 1984-03-22 |
| 1011 | umpa | 61818 | 1991-03-21 |
| 1012 | mamoni | 67226 | 1988-03-13 |
| 1013 | anjali | 60706 | 1992-03-23 |
| 1014 | marium | 61818 | 1993-03-22 |
| 1015 | falguni | 61818 | 1988-03-11 |
```

CREATING TABLE PARTS

PARTS TABLE after INSERTING VALUES

CREATING TABLE CUSTOMERS

CUSTOMERS TABLE after INSERTING VALUES

```
mysql> SELECT * FROM CUSTOMERS;

| cno | cname | street | zip | phone |
| 1000 | dipu | main st. 60706 | 543 | 9876543 |
| 1111 | charles | main st. 67226 | 123 | 316636 |
| 2222 | amina | lane 11 60606 | 124 | 24203227 |
| 3333 | soma | main st. 54444 | 224 | 24203270 |
| 4444 | rita | lane 13 66006 | 321 | 24219706 |
| 5555 | bhaswati | main st. 50302 | 543 | 32157654 |
| 6666 | santu | main st 61111 | 432 | 5432167 |
| 7777 | manas | lane 17 61111 | 432 | 5432167 |
| 8888 | monirul | main st. 65222 | 765 | 4321566 |
| 9988 | barun | lane 12 61818 | 657 | 9876543 |
| 9999 | tapan | lane 19 63111 | 654 | 5432156 |
```

CREATING TABLE ORDERS

```
mysql> CREATE TABLE ORDERS(
   -> ono int PRIMARY KEY.
   -> cno int REFERENCES CUSTOMERS(cno).
   -> eno int REFERENCES EMPLOYEES(eno),
   -> recived DATE.
   -> shipped DATE );
Query OK, 0 rows affected (0.00 sec)
mysql> DESC ORDERS:
| Field | Type | Null | Key | Default | Extra |
ono | int(11) | NO | PRI | NULL
        | int(11) | YES |
                             NULL
cno
eno | int(11) | YES |
                              NULL
| recived | date
                 | YES |
                              NULL
| shipped | date | YES |
                             NULL
5 rows in set (0.01 sec)
```

ORDERS TABLE after INSERTING VALUES

```
mysql> SELECT * FROM ORDERS;
+----+----+----
ono cno eno recived shipped
 -----
| 1020 | 1111 | 1000 | 1994-12-10 | 1994-12-12 |
| 1021 | 1111 | 1000 | 1995-01-12 | 1995-01-15 |
 1022 | 2222 | 1001 | 1997-01-20 | NULL
| 1023 | 3333 | 1002 | 1998-04-13 | 1998-04-29
| 1024 | 4444 | 1003 | 1996-03-11 | 1996-03-13 |
1025 | 5555 | 1004 | 1996-03-11 | 1996-03-12 |
| 1026 | 5555 | 1004 | 1998-05-31 | 1998-06-08 |
 1027 | 8888 | 1006 | 1995-05-23 | 1993-03-23 |
| 1028 | 7777 | 1007 | 1984-05-17 | 1993-12-18 |
 1029 | 3333 | 1008 | 1992-12-13 | 1993-09-18 |
1030 | 2222 | 1010 | 1983-04-30 | 1985-09-17 |
| 1031 | 1000 | 1011 | 1993-05-26 | 1985-04-16 |
1032 | 1111 | 1012 | 1986-04-15 | 2005-05-31 |
| 1033 | 9988 | 1013 | 2000-04-18 | 2005-04-18 |
 1034 | 9988 | 1014 | 2005-02-08 | 2005-02-18 |
| 1035 | 1111 | 1015 | 2005-04-18 | NULL
16 rows in set (0.00 sec)
```

CREATING TABLE ODETAILS

ODETAILS TABLE after INSERTING VALUES

```
mysql> SELECT * FROM ODETAILS;

+----+
| ono | pno | qty |
+----+
| 1020 | 10507 | 5 |
| 1021 | 10800 | 2 |
| 1022 | 10507 | 6 |
| 1026 | 10509 | 9 |
| 1026 | 10801 | 4 |
| 1028 | 10701 | 7 |
| 1029 | 10507 | 3 |
| 1029 | 10508 | 5 |
| 1031 | 10603 | 1 |
| 1032 | 10509 | 7 |
| 1033 | 10602 | 8 |
| 1034 | 10506 | 7 |
| 1035 | 10601 | 5 |
+----+

13 rows in set (0.00 sec)
```

QUERIES:

1.

2.

```
mysql> SELECT ono,cname,shipped
    -> FROM CUSTOMERS,ORDERS
    -> WHERE shipped IS NULL
    -> AND CUSTOMERS.cno = ORDERS.cno;
+----+
| ono | cname | shipped |
+----+
| 1022 | amina | NULL |
| 1035 | charles | NULL |
+----+
2 rows in set (0.00 sec)
```

5.

```
mysql> SELECT pname,price FROM PARTS
-> WHERE price < (SELECT MIN(price) FROM PARTS WHERE pname LIKE "%land before time%");
+-----+
| pname | price |
+-----+
| Screw | 13.49 |
+-----+
1 row in set (0.00 sec)
```

```
7.
```

```
mysql> UPDATE ZIPCODES
    -> SET city="parth" WHERE city="columbia";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> SELECT * FROM ZIPCODES;
| zip | city
| 50302 | kansas city
| 54444 | parth
| 60606 | fort dodge
| 60706 | patna
| 61111 | fort hays
| 61818 | delhi
| 63111 | kolkata
| 65222 | diamond
| 66006 | libaral
| 67226 | wichita
10 rows in set (0.00 sec)
```

```
mvsal> UPDATE ORDERS
    -> SET shipped = "2022-09-01" WHERE shipped IS NULL;
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2 Changed: 2 Warnings: 0
mysql> SELECT * FROM ORDERS;
                     | recived
                                  | shipped
       cno
              eno
 1020 | 1111 | 1000 | 1994-12-10 | 1994-12-12 |
| 1021 | 1111 | 1000
                    | 1995-01-12 | 1995-01-15
| 1022 | 2222 | 1001 | 1997-01-20 | 2022-09-01
 1023 | 3333 | 1002 | 1998-04-13 | 1998-04-29
 1024 | 4444 | 1003 | 1996-03-11 | 1996-03-13
 1025 | 5555 | 1004 | 1996-03-11 | 1996-03-12
 1026 | 5555 | 1004 | 1998-05-31 | 1998-06-08
 1027 | 8888 | 1006 | 1995-05-23 | 1993-03-23
 1028 | 7777 | 1007 | 1984-05-17 | 1993-12-18
 1029 | 3333 | 1008 | 1992-12-13 | 1993-09-18
 1030 | 2222 | 1010 | 1983-04-30 | 1985-09-17
 1031 | 1000 | 1011 | 1993-05-26 | 1985-04-16
 1032 | 1111 | 1012 | 1986-04-15 | 2005-05-31
 1033 | 9988 | 1013 | 2000-04-18 | 2005-04-18
 1034 | 9988 | 1014 | 2005-02-08 | 2005-02-18
 1035 | 1111 | 1015 | 2005-04-18 | 2022-09-01
16 rows in set (0.00 sec)
```

```
mysql> UPDATE PARTS
   -> SET price = (price*0.9) WHERE price < 24.00;
Query OK, 6 rows affected, 6 warnings (0.00 sec)
Rows matched: 6 Changed: 6 Warnings: 6
mysql> SELECT * FROm PARTS;
               | qoh | price | olevel |
| pno | pname
| 10506 | land before time 1 | 200 | 16.19 |
                                          20
| 10507 | land before time 2 | 156 | 16.19 |
                                          20 I
| 10508 | land before time 3 | 190 | 16.19 |
                                         20 I
| 10509 | land before time 4 | 60 | 16.19 |
                                         20 I
                        300 | 24.99 |
| 10601 | Nut
                                          30 I
                        | 120 | 16.19 |
| 10602 | Bolt
                                          30
8 rows in set (0.00 sec)
```