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// Assignment 6

// Adding missing roll number records

mysql> create procedure roll_merge()

   -> begin

   -> declare roll int;

   -> declare exit_loop boolean;

   -> declare c1 cursor for select rno from O_RollCall;

   -> declare continue handler for Not Found SET exit_loop= TRUE;

   -> open c1;

   -> myloop:LOOP

   -> fetch c1 into roll;

   *-> if not exists (select * from N_RollCall where rollno=roll) then*

   *-> insert into N_RollCall select * from O_RollCall where rno=roll;*

   -> end if;

   -> if exit_loop then

   -> close c1;

   -> leave myloop;

   -> end if;

   -> end loop myloop;

   -> end;

   -> //

Query OK, 0 rows affected (0.17 sec)

mysql> delimiter ;

*mysql> select * from O_RollCall;*

+------+---------+---------------+

| rno | name | city |

```
+------+---------+---------------+
|    1 | Ajay    | Beed          |
|    2 | Aniket  | Nanded        |
|    3 | Durvesh | Nashik        |
|    4 | Butcher | NYC           |
|    5 | Richard | San Francisco |
|    6 | Reiner  | Trost         |
+------+---------+---------------+
6 rows in set (0.00 sec)


mysql> select * from N_RollCall;

+--------+---------+---------------+
| rollno | name    | city          |
+--------+---------+---------------+
|      1 | Ajay    | Beed          |
|      3 | Durvesh | Nashik        |
|      5 | Richard | San Francisco |
|      6 | Reiner  | Trost         |
+--------+---------+---------------+
4 rows in set (0.00 sec)


mysql> call roll_merge();
Query OK, 0 rows affected (0.29 sec)


mysql> select * from N_RollCall;

+--------+---------+---------------+
| rollno | name    | city          |
+--------+---------+---------------+
|      1 | Ajay    | Beed          |
|      3 | Durvesh | Nashik        |
|      5 | Richard | San Francisco |
```

```
|     6 | Reiner  | Trost      |
|     2 | Aniket  | Nanded     |
|     4 | Butcher | NYC        |
+--------+---------+---------------+
6 rows in set (0.00 sec)


mysql>
```

// Adding missing roll number records with city as Nashik

```
mysql> create procedure nashikproc()
   -> begin
   -> declare namex varchar(20);
   -> declare cityx varchar(20);
   -> declare exit_loop boolean;
   -> declare c2 cursor for select name from Old_RollCall;
   -> declare continue handler for Not Found SET exit_loop= TRUE;
   -> open c2;
   -> myloop:LOOP
   -> fetch c2 into namex;
   -> if not exists (select * from New_RollCall where name=namex) then
   -> select city into cityx from Old_RollCall where name=namex;
   -> if cityx="Nashik" then
   -> insert into New_RollCall select name,city from Old_RollCall where name=namex;
   -> end if;
   -> end if;
```

```
        -> if exit_loop then

        -> close c2;

        -> leave myloop;

        -> end if;

        -> end loop myloop;

        -> end//
Query OK, 0 rows affected (0.15 sec)


mysql> select * from old_rollcall;

    -> //
+------+-----------+--------+
| rno  | name      | city   |
+------+-----------+--------+
|    1 | Aradhya   | Nashik |
|    2 | Byomkesh  | Pune   |
|    3 | Chatur    | Nashik |
|    4 | Durvesh   | Nashik |
|    5 | Eesha     | Pune   |
|    6 | Frodo     | Nashik |
|    7 | Gandhi    | Nashik |
|    8 | Hiroshima | Tokyo  |
|    9 | Illeana   | Mumbai |
|   10 | Jaggu     | Nashik |
+------+-----------+--------+
10 rows in set (0.00 sec)


mysql> delimiter ;
mysql> select * from new_rollcall;
+----------+--------+
| name     | city   |
+----------+--------+
```

```
| Aradhya   | Nashik |

| Byomkesh | Pune   |

| Chatur   | Nashik |

| Durvesh  | Nashik |

| Eesha    | Pune   |

+----------+--------+
```

5 rows in set (0.00 sec)

mysql> call nashikproc();

Query OK, 0 rows affected (0.35 sec)

mysql> select * from new_rollcall;

```
+----------+--------+

| name     | city   |

+----------+--------+

| Aradhya   | Nashik |

| Byomkesh | Pune   |

| Chatur   | Nashik |

| Durvesh  | Nashik |

| Eesha    | Pune   |

| Frodo    | Nashik |

| Gandhi   | Nashik |

| Jaggu    | Nashik |

+----------+--------+
```

8 rows in set (0.00 sec)

```
mysql> create procedure roll_merge()
    -> begin
    -> declare roll int;
    -> declare exit_loop boolean;
    -> declare c1 cursor for select rno from O_RollCall;
    -> declare continue handler for Not Found SET exit_loop= TRUE;
    -> open c1;
    -> myloop:LOOP
    -> fetch c1 into roll;
    -> if not exists (select * from N_RollCall where rollno=roll) then
    -> insert into N_RollCall select * from O_RollCall where rno=roll;
    -> end if;
    -> if exit_loop then
    -> close c1;
    -> leave myloop;
    -> end if;
    -> end loop myloop;
    -> end;
    -> //
Query OK, 0 rows affected (0.17 sec)

mysql> delimiter ;
mysql> select * from O_RollCall;
+-----+---------+---------------+
| rno | name    | city          |
+-----+---------+---------------+
|   1 | Ajay    | Beed          |
|   2 | Aniket  | Nanded        |
|   3 | Durvesh | Nashik        |
|   4 | Butcher | NYC           |
|   5 | Richard | San Francisco |
|   6 | Reiner  | Trost         |
+-----+---------+---------------+
6 rows in set (0.00 sec)

mysql> select * from N_RollCall;
+--------+---------+---------------+
| rollno | name    | city          |
+--------+---------+---------------+
|      1 | Ajay    | Beed          |
|      3 | Durvesh | Nashik        |
|      5 | Richard | San Francisco |
|      6 | Reiner  | Trost         |
+--------+---------+---------------+
4 rows in set (0.00 sec)

mysql> call roll_merge();
Query OK, 0 rows affected (0.29 sec)

mysql> select * from N_RollCall;
```

```
+--------+---------+---------------+
| rollno | name    | city          |
+--------+---------+---------------+
|      1 | Ajay    | Beed          |
|      3 | Durvesh | Nashik        |
|      5 | Richard | San Francisco |
|      6 | Reiner  | Trost         |
|      2 | Aniket  | Nanded        |
|      4 | Butcher | NYC           |
+--------+---------+---------------+
6 rows in set (0.00 sec)

mysql>
```

```
mysql>
mysql>
mysql> create procedure nashikproc()
    -> begin
    -> declare namex varchar(20);
    -> declare cityx varchar(20);
    -> declare exit_loop boolean;
    -> declare c2 cursor for select name from Old_RollCall;
    -> declare continue handler for Not Found SET exit_loop= TRUE;
    -> open c2;
    -> myloop:LOOP
    -> fetch c2 into namex;
    -> if not exists (select * from New_RollCall where name=namex) then
    -> select city into cityx from Old_RollCall where name=namex;
    -> if cityx="Nashik" then
    -> insert into New_RollCall select name,city from Old_RollCall where name=namex;
    -> end if;
    -> end if;
    -> if exit_loop then
    -> close c2;
    -> leave myloop;
    -> end if;
    -> end loop myloop;
    -> end//
Query OK, 0 rows affected (0.15 sec)

mysql> select * from old_rollcall;
    -> //
+------+-----------+--------+
| rno  | name      | city   |
+------+-----------+--------+
|    1 | Aradhya   | Nashik |
|    2 | Byomkesh  | Pune   |
|    3 | Chatur    | Nashik |
|    4 | Durvesh   | Nashik |
|    5 | Eesha     | Pune   |
|    6 | Frodo     | Nashik |
|    7 | Gandhi    | Nashik |
|    8 | Hiroshima | Tokyo  |
|    9 | Illeana   | Mumbai |
|   10 | Jaggu     | Nashik |
+------+-----------+--------+
10 rows in set (0.00 sec)

mysql> delimiter ;
mysql> select * from new_rollcall;
+---------+--------+
| name    | city   |
+---------+--------+
| Aradhya | Nashik |
```

```
|    3 | Chatur    | Nashik |
|    4 | Durvesh   | Nashik |
|    5 | Eesha     | Pune   |
|    6 | Frodo     | Nashik |
|    7 | Gandhi    | Nashik |
|    8 | Hiroshima | Tokyo  |
|    9 | Illeana   | Mumbai |
|   10 | Jaggu     | Nashik |
+------+-----------+--------+
10 rows in set (0.00 sec)

mysql> delimiter ;
mysql> select * from new_rollcall;
+----------+--------+
| name     | city   |
+----------+--------+
| Aradhya  | Nashik |
| Byomkesh | Pune   |
| Chatur   | Nashik |
| Durvesh  | Nashik |
| Eesha    | Pune   |
+----------+--------+
5 rows in set (0.00 sec)

mysql> call nashikproc();
Query OK, 0 rows affected (0.35 sec)

mysql> select * from new_rollcall;
+----------+--------+
| name     | city   |
+----------+--------+
| Aradhya  | Nashik |
| Byomkesh | Pune   |
| Chatur   | Nashik |
| Durvesh  | Nashik |
| Eesha    | Pune   |
| Frodo    | Nashik |
| Gandhi   | Nashik |
| Jaggu    | Nashik |
+----------+--------+
8 rows in set (0.00 sec)

mysql>
```