

Last Task # 10

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CS -4A

Task# 1

MariaDB [person]> create procedure car (IN n1 varchar(21) , IN n2 varchar(21), IN n3 varchar(21), IN n4 varchar(21) , IN n5 varchar(12))

-> begin

-> insert into summary values(n1 , n2 , n3 ,n4 , n5);

-> end,,,

Query OK, 0 rows affected (0.010 sec)

```
MariaDB [sales_co]> create table users (
-> user_id int(4) not NULL,
-> username varchar(10) not NULL,
-> password varchar(10) not NULL,
-> email varchar(15) NOT NULL);
Query OK, 0 rows affected (0.038 sec)

MariaDB [sales_co]> create table summary(
-> id int(3) not NULL,
-> total_users int(4) not null,
-> yahoo int(5) not null,
-> hotmail int(5) not null,
-> gmail int(6) not null);
Query OK, 0 rows affected (0.024 sec)
```

Task # 2

create procedure car2 (IN n1 varchar(21) , IN n2 varchar(21), IN n3 varchar(21), IN n4 varchar(14))

-> begin

-> insert into users values(n1 , n2 , n3 ,n4);

-> end,,,

Query OK, 0 rows affected (0.010 sec)

MariaDB [person]> call car2(21, 2,2, 1),,,

Query OK, 1 row affected (0.007 sec)

```
MariaDB [person]> create procedure car ( IN n1 varchar(21) , IN n2 varchar(21), IN n3 varchar(21), IN n4 varchar(21) , IN n5 varchar(12))
-> begin
-> insert into summary values(n1 , n2 , n3 ,n4 , n5);
-> end,,,
Query OK, 0 rows affected (0.010 sec)
```

Task # 3

create procedure Gmail_min(out v1 varchar(21))

-> begin

-> select min(email) into v1 from summary;

-> end,,,

Query OK, 0 rows affected (0.010 sec)

```

MariaDB [person]> create procedure yahooA(out nik varchar(20))
  -> begin
  -> select avg(yahoo) into nik from summary;
  -> end,,,
Query OK, 0 rows affected (0.011 sec)

MariaDB [person]> call yahooA(@out);
  -> ,,,
Query OK, 1 row affected (0.006 sec)

MariaDB [person]> select @out,,,
+-----+
| @out   |
+-----+
| 23.000000000 |
+-----+
1 row in set (0.000 sec)

MariaDB [person]>

```

```

MariaDB [person]> call car(12,2,23,1,4);
  -> ,,,
Query OK, 1 row affected (0.006 sec)

MariaDB [person]> select * from summary;
  -> ,,,
+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+-----+-----+-----+-----+
| 12 |          2 |    23 |        1 |      4 |
+-----+-----+-----+-----+
1 row in set (0.000 sec)

```

Task # 4

```

MariaDB [person]> create procedure Gmail(out v1 varchar(21))

```

```

  -> begin

```

```

  -> select min(gmail) into v1 from summary;

```

-> end,,,

Query OK, 0 rows affected (0.009 sec)

MariaDB [person]> call Gmail(@out);

-> ,,,

Query OK, 1 row affected (0.005 sec)

```
MariaDB [person]> create procedure Gmail(out v1 varchar(21))
-> begin
-> select min(gmail) into v1 from summary;
-> end,,,
```

Query OK, 0 rows affected (0.009 sec)

```
MariaDB [person]> call Gmail(@out);
-> ,,,
```

Query OK, 1 row affected (0.005 sec)

```
MariaDB [person]> select @out,,,
```

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

```
| @out |
```

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

```
| 4    |
```

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

1 row in set (0.000 sec)

```
MariaDB [person]>
```

XAMPP for Windows - mysql -u root

MariaDB [person]> call car2(21 , 'every', 'copo', 'raes32'),,,
Query OK, 2 rows affected, 1 warning (0.007 sec)

MariaDB [person]> select * from summary,,,

| id | total_users | yahoo | hotmail | gmail |
|----|-------------|-------|---------|-------|
| 12 | 3 | 23 | 1 | 4 |

1 row in set (0.000 sec)

MariaDB [person]> call car2(2212 , 'BMw', 'co', 'rest32'),,,
Query OK, 2 rows affected, 1 warning (0.007 sec)

MariaDB [person]> select * from summary,,,

| id | total_users | yahoo | hotmail | gmail |
|----|-------------|-------|---------|-------|
| 12 | 4 | 23 | 1 | 4 |

1 row in set (0.000 sec)

MariaDB [person]> select * from users;

-> ,,,

| user_id | username | password | gmail |
|---------|----------|----------|-------|
| 21 | every | copo | 0 |
| 212 | lpv12 | dog@12 | 0 |
| 921 | www | ttt | 1 |
| 2212 | BMw | co | 0 |

4 rows in set (0.000 sec)

MariaDB [person]>

```

Query OK, 1 row affected (0.006 sec)

MariaDB [person]> select * from summary,,,
+-----+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+-----+-----+-----+-----+-----+
| 12 |          3 |    23 |        1 |      4 |
+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]> delete from users where user_id = "212" ,,,
Query OK, 1 row affected (0.007 sec)

MariaDB [person]> select * from summary,,,
+-----+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+-----+-----+-----+-----+-----+
| 12 |          2 |    23 |        1 |      4 |
+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]> select * from users,,,
+-----+-----+-----+-----+
| user_id | username | password | gmail |
+-----+-----+-----+-----+
|      21 | every    | copo     |      0 |
|     2212 | BMW      | co       |      0 |
+-----+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [person]>

```

```

MariaDB [person]> create procedure yahooA(out nik varchar(20))
-> begin
-> select avg(yahoo) into nik from summary;
-> end,,,
Query OK, 0 rows affected (0.011 sec)

MariaDB [person]> call yahooA(@out);
-> ,,,
Query OK, 1 row affected (0.006 sec)

MariaDB [person]> select @out,,,
+-----+
| @out |
+-----+
| 23.000000000 |
+-----+
1 row in set (0.000 sec)

MariaDB [person]>

```

Task # 5

```
MariaDB [person]> call car2 (212, "lpv12" ,"dog@12" ,"lmfo2121@yahoo.com");
-> ,,,
Query OK, 1 row affected, 2 warnings (0.006 sec)

MariaDB [person]> select * from users;
-> ,,,
+-----+-----+-----+-----+
| user_id | username | password | gmail |
+-----+-----+-----+-----+
|      21 | 2       | 2       | 1     |
|     212 | lpv12   | dog@12  | 0     |
+-----+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [person]>
```

```
MariaDB [person]> create procedure Hotmail(out g1 varchar(14))
-> begin
-> select max(hotmail) into g1 from summary;
-> end,,,
Query OK, 0 rows affected (0.010 sec)

MariaDB [person]> call Hotmail(@out),,,
Query OK, 1 row affected (0.000 sec)

MariaDB [person]> select @out,,,
+-----+
| @out |
+-----+
| 1     |
+-----+
1 row in set (0.000 sec)

MariaDB [person]>
```


Task # 6

```
MariaDB [person]> create procedure pro()
-> begin
-> update summary set total_users = total_users+1
-> where yahoo <= hotmail;
-> end,,,
Query OK, 0 rows affected (0.010 sec)

MariaDB [person]> call pro(),,,
Query OK, 0 rows affected (0.000 sec)

MariaDB [person]> select * from summary,,,
+-----+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+-----+-----+-----+-----+-----+
| 12 |          2 |    23 |        1 |      4 |
+-----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]>
```

Task # 7

```

MariaDB [person]> insert into users values('0921','www','ttt','1@12sa'),,,
Query OK, 1 row affected, 1 warning (0.007 sec)

MariaDB [person]> select * from users,,,
+-----+-----+-----+-----+
| user_id | username | password | gmail |
+-----+-----+-----+-----+
|      21 | 2       | 2       | 1     |
|     212 | lpv12   | dog@12  | 0     |
|     921 | www     | ttt     | 1     |
+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [person]> select * from summary,,,
+---+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+---+-----+-----+-----+-----+
| 12 |          3 |    23 |        1 |      4 |
+---+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]>

```

Task 7.1

```

MariaDB [person]> insert into users values('0921','www','ttt','1@12sa'),,,
Query OK, 1 row affected, 1 warning (0.007 sec)

MariaDB [person]> select * from users,,,
+-----+-----+-----+-----+
| user_id | username | password | gmail |
+-----+-----+-----+-----+
|      21 | 2       | 2       | 1     |
|     212 | lpv12   | dog@12  | 0     |
|     921 | www     | ttt     | 1     |
+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [person]> select * from summary,,,
+---+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+---+-----+-----+-----+-----+
| 12 |          3 |    23 |        1 |      4 |
+---+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]>

```

Task 7.2:

```
MariaDB [person]> create trigger delto after delete
-> on person.users for each row
-> begin
-> update summary
-> set total_users = total_users-1 ;
-> end,,,
Query OK, 0 rows affected (0.010 sec)

MariaDB [person]> delete from users from users where user = 1;
```

```
MariaDB [person]> select * from summary,,,
+----+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+----+-----+-----+-----+-----+
| 12 |          2 |    23 |        1 |      4 |
+----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]>
```

Insertions:

```

XAMPP for Windows - mysql -u root

MariaDB [person]> call car2( 21 , 'every', 'copo', 'raes32'),,,
Query OK, 2 rows affected, 1 warning (0.007 sec)

MariaDB [person]> select * from summary,,,
+----+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+----+-----+-----+-----+-----+
| 12 |          3 |    23 |        1 |      4 |
+----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]> call car2( 2212 , 'BMw', 'co', 'rest32'),,,
Query OK, 2 rows affected, 1 warning (0.007 sec)

MariaDB [person]> select * from summary,,,
+----+-----+-----+-----+-----+
| id | total_users | yahoo | hotmail | gmail |
+----+-----+-----+-----+-----+
| 12 |          4 |    23 |        1 |      4 |
+----+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [person]> select * from users;
-> ,,,
+----+-----+-----+-----+
| user_id | username | password | gmail |
+----+-----+-----+-----+
|      21 | every    | copo     |      0 |
|     212 | lpv12    | dog@12   |      0 |
|     921 | www      | ttt      |      1 |
|    2212 | BMw      | co       |      0 |
+----+-----+-----+-----+
4 rows in set (0.000 sec)

MariaDB [person]>

```

Deletions :

Query OK, 1 row affected (0.006 sec)

MariaDB [person]> select * from summary,,,

| id | total_users | yahoo | hotmail | gmail |
|----|-------------|-------|---------|-------|
| 12 | 3 | 23 | 1 | 4 |

1 row in set (0.000 sec)

MariaDB [person]> delete from users where user_id = "212" ,,,
Query OK, 1 row affected (0.007 sec)

MariaDB [person]> select * from summary,,,

| id | total_users | yahoo | hotmail | gmail |
|----|-------------|-------|---------|-------|
| 12 | 2 | 23 | 1 | 4 |

1 row in set (0.000 sec)

MariaDB [person]> select * from users,,,

| user_id | username | password | gmail |
|---------|----------|----------|-------|
| 21 | every | copo | 0 |
| 2212 | BMW | co | 0 |

2 rows in set (0.000 sec)

MariaDB [person]>