

#01
MariaDB [dbspr]> show tables;

Tables_in_dbspr	
tbl1er	
tbl2er	
tbl2esa	
tbl2est	
vw2er	

5 rows in set (0.002 sec)

#02
MariaDB [dbspr]> create or replace table tbl2esa

```
-> (  
  -> eid int primary key auto_increment,  
  -> ename varchar(5) not null check(length(trim(ename)) > 0),  
  -> sal decimal (11,2) unsigned not null  
  -> ) auto_increment =1001;
```

Query OK, 0 rows affected (0.013 sec)

#03
MariaDB [dbspr]> select * from tbl2esa;
Empty set (0.068 sec)

#04
MariaDB [dbspr]> insert into tbl2esa

```
-> (ename, sal)  
-> values  
-> ('x5', 500000),  
-> ('x3', 300000),  
-> ('x1', 100000),  
-> ('x4', 400000);
```

Query OK, 4 rows affected (0.005 sec)

Records: 4 Duplicates: 0 Warnings: 0

#05
MariaDB [dbspr]> select * from tbl2esa;

eid	ename	sal
1001	x5	500000.00
1002	x3	300000.00
1003	x1	100000.00
1004	x4	400000.00

4 rows in set (0.001 sec)

#06
MariaDB [dbspr]> select table_name, table_type from information_schema.tables where table_schema = database();

table_name	table_type
tbl1er	BASE TABLE
tbl2er	BASE TABLE
tbl2esa	BASE TABLE
tbl2est	BASE TABLE
vw2er	VIEW

6 rows in set (0.004 sec)

#07
MariaDB [dbspr]> create or replace view vw2esa
-> as
-> select

```

-> eid, ename , sal,
-> (sal * 20 / 100) 'hra',
-> (sal * 15 /100) 'da',
-> (sal * 30 /100) 'pf',
-> (sal + (sal * 20 / 100) + (sal * 15 /100)) 'gp',
-> (sal + (sal * 20 / 100) + (sal * 15 /100)) - (sal * 30 /100) 'np'
-> from tbl2esa;
Query OK, 0 rows affected (0.008 sec)

```

```

#08
MariaDB [dbspr]> select table_name, table_type from information_schema.tables where table_schema =
database();

```

table_name	table_type
tbl1er	BASE TABLE
tbl2er	BASE TABLE
tbl2esa	BASE TABLE
tblesa	BASE TABLE
tbltest	BASE TABLE
vw2er	VIEW
vw2esa	VIEW

```

7 rows in set (0.003 sec)

```

```

#09
MariaDB [dbspr]> select * from tbl2esa;

```

eid	ename	sal
1001	x5	500000.00
1002	x3	300000.00
1003	x1	100000.00
1004	x4	400000.00

```

4 rows in set (0.001 sec)

```

```

#10
MariaDB [dbspr]> select * from vw2esa;

```

eid	ename	sal	hra	da	pf	gp	np
1001	x5	500000.00	100000.000000	75000.000000	150000.000000	675000.000000	525000.000000
1002	x3	300000.00	60000.000000	45000.000000	90000.000000	405000.000000	315000.000000
1003	x1	100000.00	20000.000000	15000.000000	30000.000000	135000.000000	105000.000000
1004	x4	400000.00	80000.000000	60000.000000	120000.000000	540000.000000	420000.000000

```

4 rows in set (0.002 sec)

```