

```

#01
MariaDB [dbspr]> show tables;
+-----+
| Tables_in_dbspr |
+-----+
| tbl1er
| tbl2er
| tblesa
| tblest
| 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 |
| tblesa     | BASE TABLE |
| tblest     | 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
| tblest    | 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 |
| 1002 | x3    | 300000.00 | 60000.000000  | 45000.000000 | 90000.000000  | 405000.000000 |
| 1003 | x1    | 100000.00 | 20000.000000  | 15000.000000 | 30000.000000  | 135000.000000 |
| 1004 | x4    | 400000.00 | 80000.000000  | 60000.000000 | 120000.000000 | 540000.000000 |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.002 sec)
```