

#01
MariaDB [dbspr]> show tables;

```
+-----+
| Tables_in_dbspr |
+-----+
| tbl1er           |
| tblest           |
| tblest           |
+-----+
```

3 rows in set (0.002 sec)

#02
MariaDB [dbspr]> create or replace table tbl2er

```
-> (
  -> rno int primary key auto_increment,
  -> sname varchar(5) not null check (length(trim(sname)) > 0),
  -> m1 decimal (5,2) unsigned not null,
  -> m2 decimal (5,2) unsigned not null
  -> ) auto_increment = 1001;
```

Query OK, 0 rows affected (0.020 sec)

#03
MariaDB [dbspr]> select * from tbl2er;
Empty set (0.008 sec)

#04
MariaDB [dbspr]> insert into tbl2er

```
-> (sname, m1 , m2)
-> values
-> ('x5','56.5', 63),
-> ('x3','43', 47.5),
-> ('x1','54.5', 52),
-> ('x2','98', 20),
-> ('x4','61', 72.5);
```

Query OK, 5 rows affected (0.004 sec)

Records: 5 Duplicates: 0 Warnings: 0

#05
MariaDB [dbspr]> select * from tbl2er;

```
+-----+-----+-----+-----+
| rno  | sname | m1    | m2    |
+-----+-----+-----+-----+
| 1001 | x5    | 56.50 | 63.00 |
| 1002 | x3    | 43.00 | 47.50 |
| 1003 | x1    | 54.50 | 52.00 |
| 1004 | x2    | 98.00 | 20.00 |
| 1005 | x4    | 61.00 | 72.50 |
+-----+-----+-----+-----+
```

5 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 |
| tblest     | BASE TABLE |
| tblest     | BASE TABLE |
+-----+-----+
```

4 rows in set (0.008 sec)

#07
MariaDB [dbspr]> create or replace view vw2er

```
-> as
-> select
  -> rno, sname , m1 , m2 ,
  -> (m1 + m2 ) 'total',
```

```

-> convert((m1 + m2 ) /2 , decimal(5,2)) 'average',
-> if(m1 > 34.4 and m2 > 34.4, 'Pass', 'Fail') 'result' from tbl2er;
Query OK, 0 rows affected (0.007 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
tblesa	BASE TABLE
tbltest	BASE TABLE
vw2er	VIEW

5 rows in set (0.002 sec)

```

#09
MariaDB [dbspr]> select * from tbl2er;

```

rno	sname	m1	m2
1001	x5	56.50	63.00
1002	x3	43.00	47.50
1003	x1	54.50	52.00
1004	x2	98.00	20.00
1005	x4	61.00	72.50

5 rows in set (0.001 sec)

```

#10
MariaDB [dbspr]> select * from vw2er;

```

rno	sname	m1	m2	total	average	result
1001	x5	56.50	63.00	119.50	59.75	Pass
1002	x3	43.00	47.50	90.50	45.25	Pass
1003	x1	54.50	52.00	106.50	53.25	Pass
1004	x2	98.00	20.00	118.00	59.00	Fail
1005	x4	61.00	72.50	133.50	66.75	Pass

5 rows in set (0.002 sec)

```

#11
MariaDB [dbspr]> update tbl2er set m2=36 where rno = 1004;
Query OK, 1 row affected (0.004 sec)
Rows matched: 1 Changed: 1 Warnings: 0

```

```

#12
MariaDB [dbspr]> select * from tbl2er;

```

rno	sname	m1	m2
1001	x5	56.50	63.00
1002	x3	43.00	47.50
1003	x1	54.50	52.00
1004	x2	98.00	36.00
1005	x4	61.00	72.50

5 rows in set (0.001 sec)

```

#13
MariaDB [dbspr]> select * from vw2er;

```

rno	sname	m1	m2	total	average	result
1001	x5	56.50	63.00	119.50	59.75	Pass
1002	x3	43.00	47.50	90.50	45.25	Pass

1003	x1	54.50	52.00	106.50	53.25	Pass
1004	x2	98.00	36.00	134.00	67.00	Pass
1005	x4	61.00	72.50	133.50	66.75	Pass

5 rows in set (0.001 sec)

#14
MariaDB [dbspr]> delete from tbl2er where rno = 1003;
Query OK, 1 row affected (0.004 sec)

#15

MariaDB [dbspr]> select * from tbl2er;

rno	sname	m1	m2
1001	x5	56.50	63.00
1002	x3	43.00	47.50
1004	x2	98.00	36.00
1005	x4	61.00	72.50

4 rows in set (0.001 sec)

#16

MariaDB [dbspr]> select * from vw2er;

rno	sname	m1	m2	total	average	result
1001	x5	56.50	63.00	119.50	59.75	Pass
1002	x3	43.00	47.50	90.50	45.25	Pass
1004	x2	98.00	36.00	134.00	67.00	Pass
1005	x4	61.00	72.50	133.50	66.75	Pass

4 rows in set (0.001 sec)

#17

MariaDB [dbspr]> insert into tbl2er
-> (sname, m1, m2)
-> values
-> ('t1', 81.5 , 79);
Query OK, 1 row affected (0.004 sec)

#18

MariaDB [dbspr]> insert into vw2er
-> (sname, m1, m2)
-> values
-> ('t2',98,20);
ERROR 1471 (HY000): The target table vw2er of the INSERT is not insertable-into
MariaDB [dbspr]>

#19

MariaDB [dbspr]> select * from tbl2er;

rno	sname	m1	m2
1001	x5	56.50	63.00
1002	x3	43.00	47.50
1004	x2	98.00	36.00
1005	x4	61.00	72.50
1006	t1	81.50	79.00

5 rows in set (0.001 sec)

#20

MariaDB [dbspr]> select * from vw2er;

rno	sname	m1	m2	total	average	result
1001	x5	56.50	63.00	119.50	59.75	Pass

1002	x3	43.00	47.50	90.50	45.25	Pass
1004	x2	98.00	36.00	134.00	67.00	Pass
1005	x4	61.00	72.50	133.50	66.75	Pass
1006	t1	81.50	79.00	160.50	80.25	Pass

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

5 rows in set (0.002 sec)