

#01

```
MariaDB [dbspr]> create database if not exists dbspr;  
Query OK, 0 rows affected, 1 warning (0.001 sec)
```

#02

```
MariaDB [dbspr]> show warnings;
```

Level	Code	Message
Note	1007	Can't create database 'dbspr'; database exists

1 row in set (0.000 sec)

#03

```
MariaDB [dbspr]> use dbspr;  
Database changed
```

#04

```
MariaDB [dbspr]> show tables;
```

Tables_in_dbspr
tbl1er
tbl2er
tbl2esa
tblesa
tblst
vw2er
vw2esa

8 rows in set (0.002 sec)

#05

```
MariaDB [dbspr]> create or replace table tbltst1  
-> (  
-> rno int primary key,  
-> sname varchar(5)  
-> );
```

Query OK, 0 rows affected (0.015 sec)

#06

```
MariaDB [dbspr]> select table_name, engine from information_schema.tables where  
table_schema=database();
```

table_name	engine
tbl1er	InnoDB
tbl2er	InnoDB
tbl2esa	InnoDB
tblesa	InnoDB
tblst	InnoDB
tbltst1	InnoDB
vw2er	NULL
vw2esa	NULL

8 rows in set (0.026 sec)

#07

```
MariaDB [dbspr]> alter table tbltst1 engine=myISAM;  
Query OK, 0 rows affected (0.038 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

#08

```
MariaDB [dbspr]> select table_name, engine from information_schema.tables where  
table_schema=database();
```

table_name	engine
tbl1er	InnoDB

tbl2er	InnoDB
tbl2esa	InnoDB
tbl2esa	InnoDB
tbl2est	InnoDB
tbltst1	MyISAM
vw2er	NULL
vw2esa	NULL

+-----+
8 rows in set (0.004 sec)

#09
MariaDB [dbspr]> alter table tbltst1 engine=InnoDB;
Query OK, 0 rows affected (0.036 sec)
Records: 0 Duplicates: 0 Warnings: 0

#10
MariaDB [dbspr]> select table_name, engine from information_schema.tables where
table_schema=database();

table_name	engine
tbl1er	InnoDB
tbl2er	InnoDB
tbl2esa	InnoDB
tbl2esa	InnoDB
tbl2est	InnoDB
tbltst1	InnoDB
vw2er	NULL
vw2esa	NULL

+-----+
8 rows in set (0.004 sec)

#11
MariaDB [dbspr]> select * from tbltst1;
Empty set (0.002 sec)

#12
MariaDB [dbspr]> set autocommit =off;
Query OK, 0 rows affected (0.001 sec)

#13
MariaDB [dbspr]> insert into tbltst1
-> values
-> (101, 'x5'),
-> (102, 'x3'),
-> (103, 'x1');
Query OK, 3 rows affected (0.003 sec)
Records: 3 Duplicates: 0 Warnings: 0

#14
MariaDB [dbspr]> select * from tbltst1;
+-----+
| rno | sname |
+-----+
101	x5
102	x3
103	x1
+-----+
3 rows in set (0.001 sec)

#15
MariaDB [dbspr]> rollback;
Query OK, 0 rows affected (0.003 sec)

#16
MariaDB [dbspr]> select * from tbltst1;
Empty set (0.001 sec)

#17

```
MariaDB [dbspr]> insert into tbltst1
-> values
-> (101, 't5'),
-> (102, 't3'),
-> (103, 't1');
Query OK, 3 rows affected (0.002 sec)
Records: 3 Duplicates: 0 Warnings: 0
```

```
#18
MariaDB [dbspr]> select * from tbltst1;
+-----+-----+
| rno | sname |
+-----+-----+
| 101 | t5    |
| 102 | t3    |
| 103 | t1    |
+-----+-----+
3 rows in set (0.001 sec)
```

```
#19
MariaDB [dbspr]> commit;
Query OK, 0 rows affected (0.004 sec)
```

```
#20
MariaDB [dbspr]>select * from tbltst1;
+-----+-----+
| rno | sname |
+-----+-----+
| 101 | t5    |
| 102 | t3    |
| 103 | t1    |
+-----+-----+
3 rows in set (0.001 sec)
```

```
#21
MariaDB [dbspr]> rollback;
Query OK, 0 rows affected (0.001 sec)
```

```
#22
MariaDB [dbspr]> select * from tbltst1;
+-----+-----+
| rno | sname |
+-----+-----+
| 101 | t5    |
| 102 | t3    |
| 103 | t1    |
+-----+-----+
3 rows in set (0.001 sec)
```

```
#23
MariaDB [dbspr]> update tbltst1 set sname='x3' where sname = 't3';
Query OK, 1 row affected (0.006 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
#24
MariaDB [dbspr]> select * from tbltst1;
+-----+-----+
| rno | sname |
+-----+-----+
| 101 | t5    |
| 102 | x3    |
| 103 | t1    |
+-----+-----+
3 rows in set (0.001 sec)
```

```
#25
MariaDB [dbspr]> rollback;
Query OK, 0 rows affected (0.003 sec)
```

#26

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
102	t3
103	t1

3 rows in set (0.001 sec)

#27

MariaDB [dbspr]> update tbltst1 set sname='a3' where sname = 't3';

Query OK, 1 row affected (0.003 sec)

Rows matched: 1 Changed: 1 Warnings: 0

#28

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
102	a3
103	t1

3 rows in set (0.001 sec)

#29

MariaDB [dbspr]> commit;

Query OK, 0 rows affected (0.005 sec)

#30

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
102	a3
103	t1

3 rows in set (0.001 sec)

#31

MariaDB [dbspr]> rollback;

Query OK, 0 rows affected (0.000 sec)

#32

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
102	a3
103	t1

3 rows in set (0.001 sec)

#33

MariaDB [dbspr]> delete from tbltst1 where rno=102;

Query OK, 1 row affected (0.003 sec)

#34

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
103	t1

2 rows in set (0.001 sec)

#35

MariaDB [dbspr]> rollback;

Query OK, 0 rows affected (0.003 sec)

#36

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
102	a3
103	t1

3 rows in set (0.001 sec)

#37

MariaDB [dbspr]> delete from tbltst1 where rno=102;

Query OK, 1 row affected (0.001 sec)

#38

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
103	t1

2 rows in set (0.001 sec)

#39

MariaDB [dbspr]> commit;

Query OK, 0 rows affected (0.002 sec)

#40

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
103	t1

2 rows in set (0.001 sec)

#41

MariaDB [dbspr]> rollback;

Query OK, 0 rows affected (0.000 sec)

#42

MariaDB [dbspr]> select * from tbltst1;

rno	sname
101	t5
103	t1

2 rows in set (0.001 sec)

#43

MariaDB [dbspr]> truncate table tbltst1;

Query OK, 0 rows affected (0.029 sec)

#44

select * from tbltst1;

#45

MariaDB [dbspr]> rollback;

Query OK, 0 rows affected (0.001 sec)

#46

```
MariaDB [dbspr]> select * from tbltst1;  
Empty set (0.002 sec)
```