

```
[student@ACA8FCB1 ~]$ su
Password:
[root@ACA8FCB1 student]# systemctl start mysqld.service
[root@ACA8FCB1 student]# mysql
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 5.5.43-MariaDB MariaDB Server

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Type 'help;' or '\h' for help. Type '\c' to clear the current input
statement.
```

```
SHOW DATABASES;
```

```
MariaDB [(none)]> use t68;
```

```
MariaDB [t68]> create table stud_AC(rollno int primary key,name
char(20),sub char(20),marks int);
```

```
MariaDB [t68]> desc student;
```

```
MariaDB [t68]> insert into stud_AC
values(1,"abc","dbms",70),(2,"pqr","toc",89),(3,"xyz","dbms",80),(4,"lmn"
,"dbms",78),(5,"pqr","dbms",68),(6,"def","dbms",56),(7,"lmn","dbms",56),(
8,"bcd","dbms",40),(9,"stu","dbms",87),(10,"rsi","dbms",77);
```

```
MariaDB [t68]> select * from stud_AC;
```

```
MariaDB [t68]> select rollno,name from stud_AC;
```

```
MariaDB [t68]> select * from stud_AC;
```

```
MariaDB [t68]> select rollno,name from student where marks >= 70;
```

```
+-----+-----+
| rollno | name |
+-----+-----+
|      1 | abc  |
|      3 | xyz  |
|      4 | lmn  |
+-----+-----+
3 rows in set (0.00 sec)
```

```
MariaDB [t68]> select * from stud_AC;
```

```
+-----+-----+-----+-----+
| rollno | name | sub  | marks |
+-----+-----+-----+-----+
```

	rollno	name	sub	marks
1	1	abc	dbms	70
2	2	pqr	toc	65
3	3	xyz	dbms	80
4	4	lmn	dbms	78
5	5	pqr	dmbs	68
6	6	def	dbms	56
7	7	lmn	dbms	56
8	8	bcd	dbms	40
9	9	stu	dbms	87
10	10	rsi	dmbs	77

10 rows in set (0.00 sec)

```
MariaDB [t68]> CREATE VIEW V1 AS select rollno,name,sub from stud_AC
where marks>=70;
```

```
MariaDB [t68]> SELECT * FROM V1;
```

	rollno	name	sub
1	1	abc	dbms
2	3	xyz	dbms
3	4	lmn	dbms
4	9	stu	dbms
5	10	rsi	dmbs

5 rows in set (0.00 sec)

```
MariaDB [t68]> UPDATE V1 SET sub = 'dbms' WHERE rollno = 2;
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
MariaDB [t68]> SELECT * FROM V1;
```

	rollno	name	sub
1	1	ABC	dbms
2	3	xyz	dbms
3	4	lmn	dbms
4	9	stu	dbms
5	10	rsi	dmbs

5 rows in set (0.00 sec)

```
MariaDB [t68]> select * from stud_AC;
```

	rollno	name	sub	marks
1	1	ABC	dbms	70
2	2	pqr	toc	65
3	3	xyz	dbms	80
4	4	lmn	dbms	78
5	5	pqr	dmbs	68

6	def	dbms	56
7	lmn	dbms	56
8	bcd	dbms	40
9	stu	dbms	87
10	rsi	dbms	77

10 rows in set (0.00 sec)

```
MariaDB [t68]> ALTER VIEW V1 AS select rollno,name,sub from stud_AC where marks>=75;
Query OK, 0 rows affected (0.08 sec)
```

```
MariaDB [t68]> SELECT * FROM V1;
+-----+-----+-----+
| rollno | name | sub |
+-----+-----+-----+
| 3 | xyz | dbms |
| 4 | lmn | dbms |
| 9 | stu | dbms |
| 10 | rsi | dbms |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
MariaDB [t68]> drop view V1;
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [t68]> SELECT * FROM V1;
ERROR 1146 (42S02): Table 't68.V1' doesn't exist
d
```

```
MariaDB [t68]> select * from stud_AC;
+-----+-----+-----+-----+
| rollno | name | sub | marks |
+-----+-----+-----+-----+
| 1 | ABC | dbms | 70 |
| 2 | pqr | toc | 65 |
| 3 | xyz | dbms | 80 |
| 4 | lmn | dbms | 78 |
| 5 | pqr | dbms | 68 |
| 6 | def | dbms | 56 |
| 7 | lmn | dbms | 56 |
| 8 | bcd | dbms | 40 |
| 9 | stu | dbms | 87 |
| 10 | rsi | dbms | 77 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

```
MariaDB [t68]> CREATE INDEX i1 ON stud_AC(rollno);
Query OK, 0 rows affected (0.19 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [t68]> SHOW INDEX FROM student;
```

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

Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_comment
student	0	PRIMARY	1	rollno	A	2	NULL	NULL		BTREE		
student	1	i1	1	rollno	A	10	NULL	NULL		BTREE		

2 rows in set (0.00 sec)

```

MariaDB [t68]> drop index i1 on stud_AC;
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0

```

```

MariaDB [t68]> SHOW INDEX FROM stud_AC;

```

Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_comment
student	0	PRIMARY	1	rollno	A	10	NULL	NULL		BTREE		

1 row in set (0.00 sec)

```

MariaDB [t68]>

```