

## EX. No. 12

## Query with VIEW and INDEX

**Output:**

```
MySQL 8.0 Command Line CUI
```

```
mysql> insert into students(sid,sname,deptid)values(4,'kutty',104);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> create view studentdepartment as select students.sid,students.sname,departments.deptname from students inner join departments on students.deptid=departments.deptid;
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> select*from studentdepartment;
```

sid	sname	deptname
1	chaitra	cse
2	anu	eee
3	puttu	aiml
4	kutty	it

```
4 rows in set (0.01 sec)
```

```
mysql> create index idx_student_name on students(sname);
Query OK, 0 rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> show index from students;
```

Table comment	Non_unique Visible	Key_name Expression	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_
students	0	PRIMARY	1	sid	A	4				BTREE		
students	1	deptid	1	deptid	A	4			YES	BTREE		
students	1	idx_student_name	1	sname	A	4			YES	BTREE		

```
3 rows in set (0.04 sec)
```

```
mysql>
```