

DBMS EXPERIMENT 8:

Indexing & View

Create a view table with the fields S_No, name, Designation, Branch in the Employee table and insert more records in the table.

OUTPUT:

```
Query OK, 0 rows affected, 1 warning (1.25 sec)

mysql> desc Employee;
```

Field	Type	Null	Key	Default	Extra
S_NO	int	YES		NULL	
Name	char(10)	YES		NULL	
Designation	char(10)	YES		NULL	
Branch	char(10)	YES		NULL	

```
4 rows in set (0.10 sec)

mysql> insert into Employee values(1,'SUJITH','Engineers','nellore'),(2,'PHANENDRA','guide','kurnool');
Query OK, 2 rows affected (1.28 sec)
Records: 2 Duplicates: 0 Warnings: 0

mysql> create view Employee as select S_NO,Name,Designation,Branch from Employee;
ERROR 1050 (42S01): Table 'Employee' already exists

mysql> create view Emp_view as select S_NO,Name,Designation,Branch from Employee;
Query OK, 0 rows affected (0.15 sec)

mysql> select * from Emp_view;
```

S_NO	Name	Designation	Branch
1	SUJITH	Engineers	nellore
2	PHANENDRA	guide	kurnool

```
2 rows in set (0.11 sec)

mysql> create index Name on Employee(Name);
Query OK, 0 rows affected (0.59 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> show index from Employee;
```

Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_comment	Visible	Expression
employee	1	Name	1	Name	A	2	NULL	NULL	YES	BTREE			YES	NULL

```
1 row in set (0.23 sec)

mysql> .
```

