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.

8

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MySQL 8.0 Command Line Client                                                    —    □    ×

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owners.

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

mysql> use dbms;
Database changed
mysql> select * from employee;
+-----+------+-------------+----------+
| sno | name | designation | branch   |
+-----+------+-------------+----------+
|   1 | ramu | manager     | chennai  |
|   2 | ram  | staff       | chennai  |
|   3 | somu | manager     | tirupati |
|   4 | cat  | staff       | tirupati |
+-----+------+-------------+----------+
4 rows in set (0.00 sec)

mysql> create view emp_v1 as select * from employee;
Query OK, 0 rows affected (0.01 sec)

mysql> desc emp_v1;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| sno         | int          | NO   |     | NULL    |       |
| name        | varchar(255) | YES  |     | NULL    |       |
| designation | varchar(255) | YES  |     | NULL    |       |
| branch      | varchar(255) | YES  |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> select * from emp_v1;
+-----+------+-------------+----------+
| sno | name | designation | branch   |
+-----+------+-------------+----------+
|   1 | ramu | manager     | chennai  |
|   2 | ram  | staff       | chennai  |
|   3 | somu | manager     | tirupati |
|   4 | cat  | staff       | tirupati |
+-----+------+-------------+----------+
4 rows in set (0.00 sec)

mysql> insert into employee value(5,'van','subordinate','chittoor');
Query OK, 1 row affected (0.01 sec)
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|    2 | ram  | staff       | chennai  |
|    3 | somu | manager     | tirupati |
|    4 | cat  | staff       | tirupati |
+------+------+-------------+----------+
4 rows in set (0.00 sec)

mysql> create view emp_v1 as select * from employee;
Query OK, 0 rows affected (0.01 sec)

mysql> desc emp_v1;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| sno         | int          | NO   |     | NULL    |       |
| name        | varchar(255) | YES  |     | NULL    |       |
| designation | varchar(255) | YES  |     | NULL    |       |
| branch      | varchar(255) | YES  |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> select * from emp_v1;
+------+------+-------------+----------+
| sno  | name | designation | branch   |
+------+------+-------------+----------+
|    1 | ramu | manager     | chennai  |
|    2 | ram  | staff       | chennai  |
|    3 | somu | manager     | tirupati |
|    4 | cat  | staff       | tirupati |
+------+------+-------------+----------+
4 rows in set (0.00 sec)

mysql> insert into employee value(5,'van','subordinate','chittoor');
Query OK, 1 row affected (0.01 sec)

mysql> insert into emp_v1 value(6,'kit','fresher','bhopal');
Query OK, 1 row affected (0.01 sec)

mysql> select * from employee;
+------+------+-------------+----------+
| sno  | name | designation | branch   |
+------+------+-------------+----------+
|    1 | ramu | manager     | chennai  |
|    2 | ram  | staff       | chennai  |
|    3 | somu | manager     | tirupati |
|    4 | cat  | staff       | tirupati |
|    5 | van  | subordinate | chittoor |
|    6 | kit  | fresher     | bhopal   |
+------+------+-------------+----------+
6 rows in set (0.00 sec)
```