SAVEETHA SCHOOL OF ENGINEERING
SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES
CHENNAI – 602105

DBMS EXPERIMENT -1:

DDL Commands – CREATE, ALTER, DROP, TRUNCATE

Create a Table as Workers with the fields S_No, Name, Designation, and Branch. Alter the Table by adding a column Branch. Drop the table.


```
4 rows in set (0.11 sec)

mysql> insert into workers values (1,'VINAY','teacher','chennai'),(2,'bhanu','student','dehradun');
Query OK, 2 rows affected (0.14 sec)
Records: 2 Duplicates: 0 Warnings: 0

mysql> select * workers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'workers' at line 1
mysql> select * from workers;
+------+-------+-------------+----------+
| S_NO | Name  | Designation | Branch   |
+------+-------+-------------+----------+
|    1 | VINAY | teacher     | chennai  |
|    2 | bhanu | student     | dehradun |
+------+-------+-------------+----------+
2 rows in set (0.00 sec)

mysql> alter table workers add salary int(10);
Query OK, 0 rows affected, 1 warning (1.16 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> desc workers;
+-------------+----------+------+-----+---------+-------+
| Field       | Type     | Null | Key | Default | Extra |
+-------------+----------+------+-----+---------+-------+
| S_NO        | int      | YES  |     | NULL    |       |
| Name        | char(6)  | YES  |     | NULL    |       |
| Designation | char(10) | YES  |     | NULL    |       |
| Branch      | char(10) | YES  |     | NULL    |       |
| salary      | int      | YES  |     | NULL    |       |
+-------------+----------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> select * workers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'workers' at line 1
mysql> select * from workers;
+------+-------+-------------+----------+--------+
| S_NO | Name  | Designation | Branch   | salary |
+------+-------+-------------+----------+--------+
|    1 | VINAY | teacher     | chennai  | NULL   |
|    2 | bhanu | student     | dehradun | NULL   |
+------+-------+-------------+----------+--------+
2 rows in set (0.00 sec)

mysql>
```

```
mysql> use prabhas;
Database changed
mysql> create table workers(S_NO int(4),Name char(6),Designation char(10),Branch char(10));
Query OK, 0 rows affected, 1 warning (0.20 sec)

mysql> dsce workers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'dsce workers' at line 1
mysql> describe workers;
+-------------+----------+------+-----+---------+-------+
| Field       | Type     | Null | Key | Default | Extra |
+-------------+----------+------+-----+---------+-------+
| S_NO        | int      | YES  |     | NULL    |       |
| Name        | char(6)  | YES  |     | NULL    |       |
| Designation | char(10) | YES  |     | NULL    |       |
| Branch      | char(10) | YES  |     | NULL    |       |
+-------------+----------+------+-----+---------+-------+
4 rows in set (0.11 sec)

mysql> insert into workers values (1,'VINAY','teacher','chennai'),(2,'bhanu','student','dehradun');
Query OK, 2 rows affected (0.14 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> select * workers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'workers' at line 1
mysql> select * from workers;
+------+-------+-------------+----------+
| S_NO | Name  | Designation | Branch   |
+------+-------+-------------+----------+
|    1 | VINAY | teacher     | chennai  |
|    2 | bhanu | student     | dehradun |
+------+-------+-------------+----------+
2 rows in set (0.00 sec)

mysql> alter table workers add salary int(10);
Query OK, 0 rows affected, 1 warning (1.16 sec)
Records: 0  Duplicates: 0  Warnings: 1

mysql> desc workers;
+-------------+----------+------+-----+---------+-------+
| Field       | Type     | Null | Key | Default | Extra |
+-------------+----------+------+-----+---------+-------+
| S_NO        | int      | YES  |     | NULL    |       |
| Name        | char(6)  | YES  |     | NULL    |       |
| Designation | char(10) | YES  |     | NULL    |       |
| Branch      | char(10) | YES  |     | NULL    |       |
| salary      | int      | YES  |     | NULL    |       |
+-------------+----------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> select * workers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'workers' at line 1
mysql> select * from workers;
```