CREATEING DATABASE

1) Creating a table by using as data base proffestion
2) Using it then
3) Creating table by the name workers
4) In the image having the step to step to create a table and describe it.
5) For each query have to give correct input

```
mysql> create database proffestion;
Query OK, 1 row affected (0.01 sec)

mysql> use proffestion;
Database changed
mysql> create table workers(s_no int(2),name char(5),designation char(8),branch char(8));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> desc workers;
+-------------+---------+------+-----+---------+-------+
| Field       | Type    | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| s_no        | int     | YES  |     | NULL    |       |
| name        | char(5) | YES  |     | NULL    |       |
| designation | char(8) | YES  |     | NULL    |       |
| branch      | char(8) | YES  |     | NULL    |       |
+-------------+---------+------+-----+---------+-------+
4 rows in set (0.01 sec)

mysql> ALTER TABLE workers DROP COLUMN branch char(8);
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 'c
har(8)' at line 1
mysql> ALTER TABLE workers DROP COLUMN branch;
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc workers;
+-------------+---------+------+-----+---------+-------+
| Field       | Type    | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| s_no        | int     | YES  |     | NULL    |       |
| name        | char(5) | YES  |     | NULL    |       |
| designation | char(8) | YES  |     | NULL    |       |
+-------------+---------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> ALTER TABLE workers ADD branch char(5);
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

- ❖ altering the table to drop column branch from table.
- ❖ And adding the branch to the table.
- ❖ Now we can describe the table.

```
4 rows in set (0.01 sec)

mysql> ALTER TABLE workers DROP COLUMN branch char(8);
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 'c
har(8)' at line 1
mysql> ALTER TABLE workers DROP COLUMN branch;
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc workers;
+-------------+---------+------+-----+---------+-------+
| Field       | Type    | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| s_no        | int     | YES  |     | NULL    |       |
| name        | char(5) | YES  |     | NULL    |       |
| designation | char(8) | YES  |     | NULL    |       |
+-------------+---------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> ALTER TABLE workers ADD branch char(5);
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc workers;
+-------------+---------+------+-----+---------+-------+
| Field       | Type    | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| s_no        | int     | YES  |     | NULL    |       |
| name        | char(5) | YES  |     | NULL    |       |
| designation | char(8) | YES  |     | NULL    |       |
| branch      | char(5) | YES  |     | NULL    |       |
+-------------+---------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> DROP TABLE workers;
Query OK, 0 rows affected (0.03 sec)

mysql> desc workers;
ERROR 1146 (42S02): Table 'proffestion.workers' doesn't exist
mysql>
```

1) again creating table and truncate the table
2) Process in the table.

```
mysql> desc workers;
+-------------+---------+------+-----+---------+-------+
| Field       | Type    | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| s_no        | int     | YES  |     | NULL    |       |
| name        | char(5) | YES  |     | NULL    |       |
| designation | char(8) | YES  |     | NULL    |       |
| branch      | char(5) | YES  |     | NULL    |       |
+-------------+---------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> DROP TABLE workers;
Query OK, 0 rows affected (0.03 sec)

mysql> desc workers;
ERROR 1146 (42S02): Table 'proffestion.workers' doesn't exist
mysql> TURNCATE 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 'T
URNCATE workers' at line 1
mysql> TRUNCATE workers;
ERROR 1146 (42S02): Table 'proffestion.workers' doesn't exist
mysql> create table workers(s_no int(2),name char(5),designation char(8),branch char(8));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> desc workers;
+-------------+---------+------+-----+---------+-------+
| Field       | Type    | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| s_no        | int     | YES  |     | NULL    |       |
| name        | char(5) | YES  |     | NULL    |       |
| designation | char(8) | YES  |     | NULL    |       |
| branch      | char(8) | YES  |     | NULL    |       |
+-------------+---------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> TRUNCATE workers;
Query OK, 0 rows affected (0.04 sec)

mysql>
```