

19. Create a Table as **workers** and the details are

S.No	Name	Designation	Branch
1	Martin	Manager	Chennai
2	Sopna	Supervisor	Madurai
3	Hunter	Assistant	Trichy

Perform the following:

- Alter the table by adding a column **Salary**
- Alter the table by modifying the column **Name**
- Describe the table **worker**
- Copy the table worker as trainee
- Delete the Second row from the table
- Drop the table

ANS:-

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mysql> CREATE TABLE workers (
->     S_No INT PRIMARY KEY,
->     Name VARCHAR(50),
->     Designation VARCHAR(50),
->     Branch VARCHAR(50)
-> );
Query OK, 0 rows affected (0.14 sec)

mysql>
mysql> -- Insert data into the workers table
mysql> INSERT INTO workers (S_No, Name, Designation, Branch)
-> VALUES (1, 'Martin', 'Manager', 'Chennai'),
->         (2, 'Sopna', 'Supervisor', 'Madurai'),
->         (3, 'Hunter', 'Assistant', 'Trichy');
Query OK, 3 rows affected (0.07 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql>
mysql> -- Alter the table by adding a column Salary
mysql> ALTER TABLE workers ADD COLUMN Salary DECIMAL(10,2);
Query OK, 0 rows affected (0.71 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql>
mysql> -- Alter the table by modifying the column Name
mysql> ALTER TABLE workers CHANGE COLUMN Name EmployeeName VARCHAR(50);
Query OK, 0 rows affected (0.05 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql>
mysql> -- Describe the table worker
mysql> DESCRIBE workers;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_No           | int           | NO   | PRI | NULL    |       |
| EmployeeName   | varchar(50)   | YES  |     | NULL    |       |
| Designation    | varchar(50)   | YES  |     | NULL    |       |
| Branch         | varchar(50)   | YES  |     | NULL    |       |
| Salary         | decimal(10,2) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.28 sec)

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mysql>
mysql> -- Copy the table worker as trainee
mysql> CREATE TABLE trainee LIKE workers;
Query OK, 0 rows affected (0.08 sec)

mysql> INSERT INTO trainee SELECT * FROM workers;
Query OK, 3 rows affected (0.04 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql>
mysql> -- Delete the Second row from the table
mysql> DELETE FROM workers WHERE S_No = 2;
Query OK, 1 row affected (0.04 sec)

mysql>
mysql> -- Drop the table
mysql> DROP TABLE workers;
Query OK, 0 rows affected (0.04 sec)
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