

SQL PROGRAM FOR WORKERS

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

S.No	Name	Designation	Branch
1	Kannan	Manager	Chennai
2	Mahesh	Supervisor	Madurai
3	Maruti	Assistant	Trichy

Perform the following:

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

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MySQL 5.5 Command Line Cli x + v
mysql> CREATE TABLE workers (S_No INT,Name VARCHAR(100),Designation VARCHAR(100),Branch VARCHAR(100));
Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO workers VALUES (1, 'Kannan', 'Manager', 'Chennai'),(2, 'Mahesh', 'Supervisor', 'Madurai'),(3, 'Maruthi', 'Assistant', 'Trichy');
Query OK, 3 rows affected (0.03 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from workers;
+-----+-----+-----+-----+
| S_No | Name   | Designation | Branch |
+-----+-----+-----+-----+
| 1    | Kannan | Manager     | Chennai |
| 2    | Mahesh | Supervisor  | Madurai |
| 3    | Maruthi | Assistant   | Trichy  |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> alter table workers add salary int;
Query OK, 3 rows affected (0.03 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from workers;
+-----+-----+-----+-----+-----+
| S_No | Name   | Designation | Branch | salary |
+-----+-----+-----+-----+-----+
| 1    | Kannan | Manager     | Chennai | NULL |
| 2    | Mahesh | Supervisor  | Madurai | NULL |
| 3    | Maruthi | Assistant   | Trichy  | NULL |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> ALTER TABLE workers CHANGE COLUMN Name EmployeeName VARCHAR(100);
Query OK, 3 rows affected (0.03 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from workers;
+-----+-----+-----+-----+-----+
| S_No | EmployeeName | Designation | Branch | salary |
+-----+-----+-----+-----+-----+
| 1    | Kannan      | Manager     | Chennai | NULL |
+-----+-----+-----+-----+-----+
```

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MySQL 5.5 Command Line Cli x + v
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from workers;
+-----+-----+-----+-----+-----+
| S_No | EmployeeName | Designation | Branch | salary |
+-----+-----+-----+-----+-----+
| 1    | Kannan      | Manager     | Chennai | NULL |
| 2    | Mahesh      | Supervisor  | Madurai | NULL |
| 3    | Maruthi     | Assistant   | Trichy  | NULL |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> describe workers;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| S_No       | int(11)   | YES  |     | NULL    |       |
| EmployeeName | varchar(100) | YES  |     | NULL    |       |
| Designation | varchar(100) | YES  |     | NULL    |       |
| Branch     | varchar(100) | YES  |     | NULL    |       |
| salary     | int(11)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql> create table emp like workers;
Query OK, 0 rows affected (0.02 sec)

mysql> insert into emp select * from workers;
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from emp;
+-----+-----+-----+-----+-----+
| S_No | EmployeeName | Designation | Branch | salary |
+-----+-----+-----+-----+-----+
| 1    | Kannan      | Manager     | Chennai | NULL |
| 2    | Mahesh      | Supervisor  | Madurai | NULL |
| 3    | Maruthi     | Assistant   | Trichy  | NULL |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
MySQL 5.5 Command Line Cli x + v
mysql> create table emp like workers;
Query OK, 0 rows affected (0.02 sec)

mysql> insert into emp select * from workers;
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from emp;
+-----+-----+-----+-----+-----+
| S_No | EmployeeName | Designation | Branch | salary |
+-----+-----+-----+-----+-----+
| 1 | Kannan | Manager | Chennai | NULL |
| 2 | Mahesh | Supervisor | Madurai | NULL |
| 3 | Maruthi | Assistant | Trichy | NULL |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> delete from workers where S_No = 2;
Query OK, 1 row affected (0.01 sec)

mysql> select * from emp;
+-----+-----+-----+-----+-----+
| S_No | EmployeeName | Designation | Branch | salary |
+-----+-----+-----+-----+-----+
| 1 | Kannan | Manager | Chennai | NULL |
| 2 | Mahesh | Supervisor | Madurai | NULL |
| 3 | Maruthi | Assistant | Trichy | NULL |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from workers;
+-----+-----+-----+-----+-----+
| S_No | EmployeeName | Designation | Branch | salary |
+-----+-----+-----+-----+-----+
| 1 | Kannan | Manager | Chennai | NULL |
| 3 | Maruthi | Assistant | Trichy | NULL |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> |
```

RESULT:

These commands assume you are using a database management system (such as MySQL or PostgreSQL) to execute the queries.