Lab-1

Assignment

1. Create tables for - Student(student_id, first_name, last_name, dept, Date_of_birth, gender, religion), Employee, Product, Customer, and Account. Identify relevant attributes for each table make sure each table has at least four columns. Ensure each table has an ID column e.g. Employee should have EMPLOYEE_ID column, Student should have STUDENT_ID column etc.

```
1. Create tables for - Student(student_id, first_name, last_name,
dept, Date_of_birth, gender, religion), Employee, Product,
Customer, and Account. Identify relevant attributes for each
table make sure each table has at least four columns. Ensure each
table has an ID column e.g. Employee should have EMPLOYEE_ID
column, Student should have STUDENT_ID column etc

For Students Table
create table Students(
        Stud_id int primary key,
        fName varchar(50),
        lName varchar(50),
        dept varchar(100),
        Date_Of_Birth date,
        gender ENUM('Male', 'Female', 'Other') DEFAULT 'Other',
        religion varchar(20)
        );

For Employee Table
create table Employee(
        Emp_id int primary key,
        fName varchar(50),
        lName varchar(50),
        dept varchar(100),
        Date_Of_Birth date,
        gender ENUM('Male', 'Female', 'Other') DEFAULT 'Other'
        );
```

```
For Product Table
create table Product(
        Prod_id int primary key,
        Prod_Name varchar(50),
        Prod_Type varchar(100),
        MFD date
        );

For Customer Table
create table Customer(
        fName varchar(50),
        lName varchar(50),
        mob_no int,
        price float
        );

For Account Table
create table Account(
        fName varchar(50),
        lName varchar(50),
        mob_no int,
        dob date,
        Acc_No int
        );
```

2. Describe each table.

```
mysql> desc students;
+---------------+-------------------------------+------+-----+---------+-------+
| Field         | Type                          | Null | Key | Default | Extra |
+---------------+-------------------------------+------+-----+---------+-------+
| Stud_id       | int                           | NO   | PRI | NULL    |       |
| fName         | varchar(50)                   | YES  |     | NULL    |       |
| lName         | varchar(50)                   | YES  |     | NULL    |       |
| dept          | varchar(100)                  | YES  |     | NULL    |       |
| Date_Of_Birth | date                          | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
| religion      | varchar(20)                   | YES  |     | NULL    |       |
+---------------+-------------------------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```

```
mysql> desc product;
+-----------+--------------+------+-----+---------+-------+
| Field     | Type         | Null | Key | Default | Extra |
+-----------+--------------+------+-----+---------+-------+
| Prod_id   | int          | NO   | PRI | NULL    |       |
| Prod_Name | varchar(50)  | YES  |     | NULL    |       |
| Prod_Type | varchar(100) | YES  |     | NULL    |       |
| MFD       | date         | YES  |     | NULL    |       |
+-----------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```

```
mysql> desc employee;
+---------------+-------------------------------+------+-----+---------+-------+
| Field         | Type                          | Null | Key | Default | Extra |
+---------------+-------------------------------+------+-----+---------+-------+
| Emp_id        | int                           | NO   | PRI | NULL    |       |
| fName         | varchar(50)                   | YES  |     | NULL    |       |
| lName         | varchar(50)                   | YES  |     | NULL    |       |
| dept          | varchar(100)                  | YES  |     | NULL    |       |
| Date_Of_Birth | date                          | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
+---------------+-------------------------------+------+-----+---------+-------+
6 rows in set (0.00 sec)
```

```
mysql> desc customer;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| fName  | varchar(50) | YES  |     | NULL    |       |
| lName  | varchar(50) | YES  |     | NULL    |       |
| mob_no | bigint      | YES  |     | NULL    |       |
| price  | float       | YES  |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```

```
mysql> desc account;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| fName  | varchar(50) | YES  |     | NULL    |       |
| lName  | varchar(50) | YES  |     | NULL    |       |
| mob_no | bigint      | YES  |     | NULL    |       |
| dob    | date        | YES  |     | NULL    |       |
| Acc_No | int         | YES  |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)
```

3. Insert at least 5 distinct rows to each table.

```
3. Insert at least 5 distinct rows to each table.
For Students Table
INSERT INTO Students (Stud_id, fName, lName, dept, Date_Of_Birth, gender, religion) VALUES (1, 'John', 'Doe', 'Computer Science', '2000-01-01', 'Male', 'Christian');
INSERT INTO Students (Stud_id, fName, lName, dept, Date_Of_Birth, religion) VALUES (2, 'Jane', 'Smith', 'Electrical Engineering', '2001-02-02', 'Muslim');
INSERT INTO Students (Stud_id, fName, lName, dept, Date_Of_Birth, gender, religion)
VALUES
  (3, 'Michael', 'Johnson', 'Civil Engineering', '2002-03-03', 'Male', 'Hindu'),
  (4, 'Emily', 'Brown', 'Mechanical Engineering', '2003-04-04', 'Female', 'Christian'),
  (5, 'David', 'Lee', 'Chemical Engineering', '2004-05-05', 'Male', 'Buddhist');
INSERT INTO Students (Stud_id, fName, lName, dept, Date_Of_Birth, gender, religion) VALUES (6, 'Sarah', 'Kim', 'Industrial Engineering', '2005-06-06', 'Female', 'Taoist');
INSERT INTO Students (Stud_id, fName, lName, dept, Date_Of_Birth, gender, religion) VALUES (7, 'Alex', 'Chen', 'Biomedical Engineering', '2006-07-07', 'Other', 'Atheist');

For Employee Table
INSERT INTO Employee (Emp_id, fName, lName, dept, Date_Of_Birth, gender) VALUES (1, 'John', 'Doe', 'IT', '1990-01-15', 'Male');
INSERT INTO Employee (Emp_id, fName, lName, dept, Date_Of_Birth) VALUES (2, 'Jane', 'Smith', 'HR', '1992-03-20');
INSERT INTO Employee (Emp_id, fName, lName, dept, Date_Of_Birth, gender) VALUES (3, 'Michael', 'Johnson', 'Finance', '1988-07-10', 'Male');
INSERT INTO Employee (Emp_id, fName, lName, dept, Date_Of_Birth, gender) VALUES (4, 'Emily', 'Brown', 'Marketing', '1995-11-25', 'Female');
INSERT INTO Employee (Emp_id, fName, lName, dept, Date_Of_Birth) VALUES (5, 'David', 'Lee', 'Sales', '1989-09-05');

For Products Table
INSERT INTO Product (Prod_id, Prod_Name, Prod_Type, MFD) VALUES (1, 'Laptop', 'Electronics', '2023-11-22');
INSERT INTO Product (Prod_id, Prod_Name, Prod_Type, MFD) VALUES (2, 'Smartphone', 'Electronics', '2024-04-15');
INSERT INTO Product (Prod_id, Prod_Name, Prod_Type, MFD) VALUES (3, 'T-Shirt', 'Clothing', '2023-09-01');
INSERT INTO Product (Prod_id, Prod_Name, Prod_Type, MFD) VALUES (4, 'Jeans', 'Clothing', '2024-02-10');
INSERT INTO Product (Prod_id, Prod_Name, Prod_Type, MFD) VALUES (5, 'Book', 'Books', '2023-12-05');

For Customer Table
INSERT INTO Customer (fName, lName, mob_no, price) VALUES ('John', 'Doe', 1234567890, 120.50);
INSERT INTO Customer (fName, lName, mob_no, price) VALUES ('Jane', 'Smith', 9876543210, 250.00);
INSERT INTO Customer (fName, lName, mob_no, price) VALUES ('Alice', 'Johnson', 5551234567, 80.75);
INSERT INTO Customer (fName, lName, mob_no, price) VALUES ('Bob', 'Brown', 4449876543, 150.20);
INSERT INTO Customer (fName, lName, mob_no, price) VALUES ('Eve', 'Davis', 3332221111, 300.00);

For Account Table
INSERT INTO Account (fName, lName, mob_no, dob, Acc_No) VALUES ('John', 'Doe', 1234567890, '1990-05-15', 1001);
INSERT INTO Account (fName, lName, mob_no, dob, Acc_No) VALUES ('Jane', 'Smith', 9876543210, '1985-08-22', 1002);
INSERT INTO Account (fName, lName, mob_no, dob, Acc_No) VALUES ('Alice', 'Johnson', 1231231234, '1992-03-10', 1003);
INSERT INTO Account (fName, lName, mob_no, dob, Acc_No) VALUES ('Bob', 'Williams', 3213214321, '1980-12-05', 1004);
INSERT INTO Account (fName, lName, mob_no, dob, Acc_No) VALUES ('Emma', 'Brown', 4564564567, '1995-07-30', 1005);
```

4. Fetch all data from the respective tables.

```
mysql> select * from employee;
+--------+---------+---------+-----------+---------------+--------+
| Emp_id | fName   | lName   | dept      | Date_Of_Birth | gender |
+--------+---------+---------+-----------+---------------+--------+
|      1 | John    | Doe     | IT        | 1990-01-15    | Male   |
|      2 | Jane    | Smith   | HR        | 1992-03-20    | Other  |
|      3 | Michael | Johnson | Finance   | 1988-07-10    | Male   |
|      4 | Emily   | Brown   | Marketing | 1995-11-25    | Female |
|      5 | David   | Lee     | Sales     | 1989-09-05    | Other  |
+--------+---------+---------+-----------+---------------+--------+
5 rows in set (0.03 sec)
```

```
mysql> select * from students;
+---------+---------+---------+-----------------------+---------------+--------+-----------+
| Stud_id | fName   | lName   | dept                  | Date_Of_Birth | gender | religion  |
+---------+---------+---------+-----------------------+---------------+--------+-----------+
|       1 | John    | Doe     | Computer Science      | 2000-01-01    | Male   | Christian |
|       2 | Jane    | Smith   | Electrical Engineering| 2001-02-02    | Other  | Muslim    |
|       3 | Michael | Johnson | Civil Engineering     | 2002-03-03    | Male   | Hindu     |
|       4 | Emily   | Brown   | Mechanical Engineering| 2003-04-04    | Female | Christian |
|       5 | David   | Lee     | Chemical Engineering  | 2004-05-05    | Male   | Buddhist  |
|       6 | Sarah   | Kim     | Industrial Engineering| 2005-06-06    | Female | Taoist    |
|       7 | Alex    | Chen    | Biomedical Engineering| 2006-07-07    | Other  | Atheist   |
+---------+---------+---------+-----------------------+---------------+--------+-----------+
7 rows in set (0.03 sec)
```

```
mysql> select * from product;
+---------+------------+-------------+------------+
| Prod_id | Prod_Name  | Prod_Type   | MFD        |
+---------+------------+-------------+------------+
|       1 | Laptop     | Electronics | 2023-11-22 |
|       2 | Smartphone | Electronics | 2024-04-15 |
|       3 | T-Shirt    | Clothing    | 2023-09-01 |
|       4 | Jeans      | Clothing    | 2024-02-10 |
|       5 | Book       | Books       | 2023-12-05 |
+---------+------------+-------------+------------+
5 rows in set (0.02 sec)
```

```
mysql> select * from customer;
+-------+---------+------------+-------+
| fName | lName   | mob_no     | price |
+-------+---------+------------+-------+
| John  | Doe     | 1234567890 | 120.5 |
| Jane  | Smith   | 9876543210 |   250 |
| Alice | Johnson | 5551234567 | 80.75 |
| Bob   | Brown   | 4449876543 | 150.2 |
| Eve   | Davis   | 3332221111 |   300 |
+-------+---------+------------+-------+
5 rows in set (0.00 sec)
```

```
mysql> select * from account;
+-------+---------+------------+------------+--------+
| fName | lName   | mob_no     | dob        | Acc_No |
+-------+---------+------------+------------+--------+
| John  | Doe     | 1234567890 | 1990-05-15 |   1001 |
| Jane  | Smith   | 9876543210 | 1985-08-22 |   1002 |
| Alice | Johnson | 1231231234 | 1992-03-10 |   1003 |
| Bob   | Williams| 3213214321 | 1980-12-05 |   1004 |
| Emma  | Brown   | 4564564567 | 1995-07-30 |   1005 |
+-------+---------+------------+------------+--------+
5 rows in set (0.00 sec)
```

5.Fetch Employee ids and their names from Employee table

```
mysql> select Emp_id,lName,fname from employee;
+--------+----------+----------+
| Emp_id | lName    | fname    |
+--------+----------+----------+
|      1 | Doe      | John     |
|      2 | Smith    | Jane     |
|      3 | Johnson  | Michael  |
|      4 | Brown    | Emily    |
|      5 | Lee      | David    |
+--------+----------+----------+
5 rows in set (0.00 sec)
```

6.Create table YOUTH (f_name, l_name, sex, DOB) from the Student table.

```
mysql> create table Youth as select fName,lName,Date_Of_Birth,gender from students;
Query OK, 7 rows affected (0.15 sec)
Records: 7  Duplicates: 0  Warnings: 0

mysql> select * from Youth;
+---------+---------+---------------+--------+
| fName   | lName   | Date_Of_Birth | gender |
+---------+---------+---------------+--------+
| John    | Doe     | 2000-01-01    | Male   |
| Jane    | Smith   | 2001-02-02    | Other  |
| Michael | Johnson | 2002-03-03    | Male   |
| Emily   | Brown   | 2003-04-04    | Female |
| David   | Lee     | 2004-05-05    | Male   |
| Sarah   | Kim     | 2005-06-06    | Female |
| Alex    | Chen    | 2006-07-07    | Other  |
+---------+---------+---------------+--------+
7 rows in set (0.00 sec)
```

7. Delete all data from the customer table.

```
mysql> truncate table customer;
Query OK, 0 rows affected (0.06 sec)

mysql> select * from customer;
Empty set (0.00 sec)
```

8. Delete the Account table.

```
mysql> drop table account;
Query OK, 0 rows affected (0.04 sec)

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

9. Fetch the f_name and DOB from YOUTH table.

```
mysql> select fName, Date_Of_Birth from youth;
+---------+---------------+
| fName   | Date_Of_Birth |
+---------+---------------+
| John    | 2000-01-01    |
| Jane    | 2001-02-02    |
| Michael | 2002-03-03    |
| Emily   | 2003-04-04    |
| David   | 2004-05-05    |
| Sarah   | 2005-06-06    |
| Alex    | 2006-07-07    |
+---------+---------------+
7 rows in set (0.00 sec)
```

10. Insert a new record into the Youth table. And keep NULL value in the l_name column.

```
mysql> insert into youth values("Samir",NULL,'2005-02-15','Male');
Query OK, 1 row affected (0.01 sec)

mysql> select * from youth;
+---------+---------+---------------+--------+
| fName   | lName   | Date_Of_Birth | gender |
+---------+---------+---------------+--------+
| John    | Doe     | 2000-01-01    | Male   |
| Jane    | Smith   | 2001-02-02    | Other  |
| Michael | Johnson | 2002-03-03    | Male   |
| Emily   | Brown   | 2003-04-04    | Female |
| David   | Lee     | 2004-05-05    | Male   |
| Sarah   | Kim     | 2005-06-06    | Female |
| Alex    | Chen    | 2006-07-07    | Other  |
| Samir   | NULL    | 2005-02-15    | Male   |
+---------+---------+---------------+--------+
8 rows in set (0.00 sec)
```

11. Insert a new record into the Employee table. And keep NULL value in the employee_id column.

```
mysql> insert into employee values (null, 'Arghya', 'Patra', 'Developer', '2024-01-01', 'Male');
Query OK, 1 row affected (0.02 sec)

mysql> select * from employee;
+--------+---------+---------+-----------+---------------+--------+
| Emp_id | fName   | lName   | dept      | Date_Of_Birth | gender |
+--------+---------+---------+-----------+---------------+--------+
|      1 | John    | Doe     | IT        | 1990-01-15    | Male   |
|      2 | Jane    | Smith   | HR        | 1992-03-20    | Other  |
|      3 | Michael | Johnson | Finance   | 1988-07-10    | Male   |
|      4 | Emily   | Brown   | Marketing | 1995-11-25    | Female |
|      5 | David   | Lee     | Sales     | 1989-09-05    | Other  |
|   NULL | Arghya  | Patra   | Developer | 2024-01-01    | Male   |
+--------+---------+---------+-----------+---------------+--------+
6 rows in set (0.00 sec)
```

12. Change the name of the employee table to workers.

```
mysql> alter table employee rename to workers;
Query OK, 0 rows affected (0.04 sec)

mysql> show tables;
+--------------------+
| Tables_in_myresult |
+--------------------+
| customer           |
| marks              |
| product            |
| students           |
| workers            |
| youth              |
+--------------------+
6 rows in set (0.00 sec)
```

13. Increase the size of the dept field in the student table by 10.

```
mysql> ALTER TABLE Students MODIFY dept VARCHAR(110);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc students;
+---------------+---------------------------------+------+-----+---------+-------+
| Field         | Type                            | Null | Key | Default | Extra |
+---------------+---------------------------------+------+-----+---------+-------+
| Stud_id       | int                             | NO   | PRI | NULL    |       |
| fName         | varchar(50)                     | YES  |     | NULL    |       |
| lName         | varchar(50)                     | YES  |     | NULL    |       |
| dept          | varchar(110)                    | YES  |     | NULL    |       |
| Date_Of_Birth | date                            | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other')   | YES  |     | Other   |       |
| religion      | varchar(20)                     | YES  |     | NULL    |       |
+---------------+---------------------------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```

14. Add a column ph_no in the student table.

```
mysql> desc students;
+---------------+-------------------------------+------+-----+---------+-------+
| Field         | Type                          | Null | Key | Default | Extra |
+---------------+-------------------------------+------+-----+---------+-------+
| Stud_id       | int                           | NO   | PRI | NULL    |       |
| fName         | varchar(50)                   | YES  |     | NULL    |       |
| lName         | varchar(50)                   | YES  |     | NULL    |       |
| dept          | varchar(110)                  | YES  |     | NULL    |       |
| Date_Of_Birth | date                          | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
| religion      | varchar(20)                   | YES  |     | NULL    |       |
+---------------+-------------------------------+------+-----+---------+-------+
7 rows in set (0.00 sec)

mysql> alter table students add column (ph_no bigint);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc students;
+---------------+-------------------------------+------+-----+---------+-------+
| Field         | Type                          | Null | Key | Default | Extra |
+---------------+-------------------------------+------+-----+---------+-------+
| Stud_id       | int                           | NO   | PRI | NULL    |       |
| fName         | varchar(50)                   | YES  |     | NULL    |       |
| lName         | varchar(50)                   | YES  |     | NULL    |       |
| dept          | varchar(110)                  | YES  |     | NULL    |       |
| Date_Of_Birth | date                          | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
| religion      | varchar(20)                   | YES  |     | NULL    |       |
| ph_no         | bigint                        | YES  |     | NULL    |       |
+---------------+-------------------------------+------+-----+---------+-------+
8 rows in set (0.00 sec)
```

15. Drop the religion attribute from the student table.

```
mysql> desc students;
+---------------+-------------------------------+------+-----+---------+-------+
| Field         | Type                          | Null | Key | Default | Extra |
+---------------+-------------------------------+------+-----+---------+-------+
| Stud_id       | int                           | NO   | PRI | NULL    |       |
| fName         | varchar(50)                   | YES  |     | NULL    |       |
| lName         | varchar(50)                   | YES  |     | NULL    |       |
| dept          | varchar(110)                  | YES  |     | NULL    |       |
| Date_Of_Birth | date                          | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
| religion      | varchar(20)                   | YES  |     | NULL    |       |
| ph_no         | bigint                        | YES  |     | NULL    |       |
+---------------+-------------------------------+------+-----+---------+-------+
8 rows in set (0.00 sec)

mysql> alter table students drop column religion;
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc students;
+---------------+-------------------------------+------+-----+---------+-------+
| Field         | Type                          | Null | Key | Default | Extra |
+---------------+-------------------------------+------+-----+---------+-------+
| Stud_id       | int                           | NO   | PRI | NULL    |       |
| fName         | varchar(50)                   | YES  |     | NULL    |       |
| lName         | varchar(50)                   | YES  |     | NULL    |       |
| dept          | varchar(110)                  | YES  |     | NULL    |       |
| Date_Of_Birth | date                          | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
| ph_no         | bigint                        | YES  |     | NULL    |       |
+---------------+-------------------------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```

16. Rename the student_id field to roll_no in the student table.

```
mysql> desc students;
+---------------+---------------------------------+------+-----+---------+-------+
| Field         | Type                            | Null | Key | Default | Extra |
+---------------+---------------------------------+------+-----+---------+-------+
| Stud_id       | int                             | NO   | PRI | NULL    |       |
| fName         | varchar(50)                     | YES  |     | NULL    |       |
| lName         | varchar(50)                     | YES  |     | NULL    |       |
| dept          | varchar(110)                    | YES  |     | NULL    |       |
| Date_Of_Birth | date                            | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
| ph_no         | bigint                          | YES  |     | NULL    |       |
+---------------+---------------------------------+------+-----+---------+-------+
7 rows in set (0.00 sec)

mysql> alter table students rename column Stud_id to roll_no;
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc students;
+---------------+---------------------------------+------+-----+---------+-------+
| Field         | Type                            | Null | Key | Default | Extra |
+---------------+---------------------------------+------+-----+---------+-------+
| roll_no       | int                             | NO   | PRI | NULL    |       |
| fName         | varchar(50)                     | YES  |     | NULL    |       |
| lName         | varchar(50)                     | YES  |     | NULL    |       |
| dept          | varchar(110)                    | YES  |     | NULL    |       |
| Date_Of_Birth | date                            | YES  |     | NULL    |       |
| gender        | enum('Male','Female','Other') | YES  |     | Other   |       |
| ph_no         | bigint                          | YES  |     | NULL    |       |
+---------------+---------------------------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```

17. Change the datatype and size of the product id column in the product table.

```
mysql> desc product;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| Prod_id   | int         | YES  |     | NULL    |       |
| Prod_Name | varchar(50) | YES  |     | NULL    |       |
| Prod_Type | varchar(100)| YES  |     | NULL    |       |
| MFD       | date        | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> alter table product  modify Prod_id varchar(20);
Query OK, 5 rows affected (0.10 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql>
mysql> desc product;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| Prod_id   | varchar(20) | YES  |     | NULL    |       |
| Prod_Name | varchar(50) | YES  |     | NULL    |       |
| Prod_Type | varchar(100)| YES  |     | NULL    |       |
| MFD       | date        | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```

Thank You