CREATING TABLES

mysql> create **database miniproject_23203**;
Query OK, 1 row affected (0.03 sec)

mysql> show databases;
```
+----------------------------+
| Database                   |
+----------------------------+
| hello                      |
| information_schema         |
| jewellery_shop_db          |
|
| miniproject_23203          |
| mysql                      |
| ord_management_system_23203 |
| org                        |
| performance_schema         |
| schedule                   |
| sys                        |
| temp                       |
+----------------------------+
```
11 rows in set (0.00 sec)

mysql>

mysql> use miniproject_23203;
Database changed

1.CREATE CUSTOMER TABLE

mysql> -- creating **customer** table
mysql> CREATE TABLE Customer(
→ custid CHAR(5) PRIMARY KEY,
→ name varchar(30) NOT NULL,

→ phnumber CHAR(10) NOT NULL,
→ email varchar(40) NOT NULL);
Query OK, 0 rows affected (0.16 sec)

mysql> desc Customer;

```
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| custid   | char(5)     | NO   | PRI | NULL    |       |
| name     | varchar(30) | NO   |     | NULL    |       |
| phnumber | char(10)    | NO   |     | NULL    |       |
| email    | varchar(40) | NO   |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
```
4 rows in set (0.05 sec)

mysql>

2.CREATE JEWELLERY TABLE

mysql> -- Creating table **Jewellery**
mysql> CREATE TABLE Jewellery (
→   jewelleryid CHAR(5) PRIMARY KEY,
→   jtype VARCHAR(30) NOT NULL,
→   HSN VARCHAR(30),
→   stock INT NOT NULL DEFAULT 0,
→   description VARCHAR(250) NOT NULL
→);
Query OK, 0 rows affected (0.03 sec)

mysql> desc Jewellery;

```
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| jewelleryid | char(5)      | NO   | PRI | NULL    |       |
| jtype       | varchar(30)  | NO   |     | NULL    |       |
| HSN         | varchar(30)  | YES  |     | NULL    |       |
```

```
| stock       | int          | NO   |     | 0       |       |
| description | varchar(250) | NO   |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql>
```

3. **CREATE UNIT TABLE**

```
mysql> -- CREATING TABLE UNIT
mysql> CREATE TABLE Unit(
→ unitid CHAR(7) PRIMARY KEY,
→ jewelleryid CHAR(5),
→ size varchar(40),
→ weight int,
→ material varchar(40),
→ makingcharges decimal(10,2) default 0,
→ wastagecharges decimal(10,2) default 0,
→ date_added DATE NOT NULL,
→ status ENUM('Available','Sold','Reserved','Out of Stock') NOT NULL DEFAULT 'Available',
→ FOREIGN KEY(jewelleryid) REFERENCES Jewellery(jewelleryid) ON DELETE CASCADE);
Query OK, 0 rows affected (0.05 sec)

mysql>


mysql> desc Unit;
+---------------+-----------------------------------------------------+------+-----+-----------+-------+
| Field         | Type                                                | Null | Key | Default   | Extra |
+---------------+-----------------------------------------------------+------+-----+-----------+-------+
| unitid        | char(7)                                             | NO   | PRI | NULL      |       |
| jewelleryid   | char(5)                                             | YES  | MUL | NULL      |       |
| size          | varchar(40)                                         | YES  |     | NULL      |       |
| weight        | int                                                 | YES  |     | NULL      |       |
```

material	varchar(40)	YES		NULL	
makingcharges	decimal(10,2)	YES		0.00	
wastagecharges	decimal(10,2)	YES		0.00	
date_added	date	NO		NULL	
status	enum('Available','Sold','Reserved','Out of Stock')	NO		Available	

```
+---------------+---------------------------------------------------+------+-----+----------+-------+
```

9 rows in set (0.00 sec)

mysql>

---

4. CREATE ORDERS TABLE

mysql> CREATE TABLE Orders(
→ orderid CHAR(6) PRIMARY KEY,
→ custid CHAR(5) NOT NULL,
→ order_date DATE NOT NULL,
→ total_price DECIMAL(10,2) DEFAULT 0,
→ FOREIGN KEY (custid) REFERENCES Customer(custid)
→);

---

5. CREATE PAYMENT TABLE

mysql> -- creating table **Payment**
mysql> CREATE TABLE Payment(
→ paymentid CHAR(10) primary key,
→ orderid CHAR(6) NOT NULL,
→ mode ENUM('Cash','Debit Card','Credit Card','Bitcoin') NOT NULL DEFAULT 'Cash',
→ payment_date DATE NOT NULL,
→ amount int not null default 0);
Query OK, 0 rows affected (0.04 sec)

mysql> desc Payment;

```
+--------------+---------------------------------------------------+------+-----+---------+-------+
```

| Field | Type | Null | Key | Default | Extra |

```
+--------------+----------------------------------------------+------+-----+---------+-------+
| paymentid    | char(10)                                     | NO   | PRI | NULL    |       |
| orderid      | char(6)                                      | NO   |     | NULL    |       |
| mode         | enum('Cash','Debit Card','Credit Card','Bitcoin') | NO |   | Cash    |       |
| payment_date | date                                         | NO   |     | NULL    |       |
| amount       | int                                          | NO   |     | 0       |       |
+--------------+----------------------------------------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql>
```

6. CREATE ORDER_ITEMS

```
mysql> CREATE TABLE Order_Items(
    → order_item_id INT AUTO_INCREMENT PRIMARY KEY,
    → orderid CHAR(6) NOT NULL,
    → jewelleryid CHAR(5) NOT NULL,
    → unitid CHAR(7) NOT NULL,
    → current_price DECIMAL(10,2) NOT NULL,
    → total_price DECIMAL(10,2) NOT NULL DEFAULT 0,
    → FOREIGN KEY(orderid) REFERENCES Orders(orderid),
    → FOREIGN KEY(unitid) REFERENCES Unit(unitid));
Query OK, 0 rows affected (0.42 sec)
```

DESCRIBING TABLES

```
mysql> show tables;
+----------------------------+
| Tables_in_miniproject_23203 |
+----------------------------+
| cust_order_view            |
| customer                   |
| jewellery                  |
| monthly_sales              |
```

```
| order_items          |
| orders               |
| payment              |
| unit                 |
+----------------------------+
8 rows in set (0.00 sec)

mysql> desc customer;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| custid   | char(5)     | NO   | PRI | NULL    |       |
| name     | varchar(30) | NO   |     | NULL    |       |
| phnumber | char(10)    | NO   |     | NULL    |       |
| email    | varchar(40) | NO   |     | NULL    |       |
| gender   | char(1)     | YES  |     | M       |       |
+----------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> desc jewellery;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| jewelleryid | char(5)      | NO   | PRI | NULL    |       |
| jtype       | varchar(30)  | NO   |     | NULL    |       |
| HSN         | varchar(30)  | NO   |     | NULL    |       |
| stock       | int          | NO   |     | 0       |       |
| description | varchar(250) | NO   |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> desc orders;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| orderid     | char(6)      | NO   | PRI | NULL    |       |
| custid      | char(5)      | NO   | MUL | NULL    |       |
| order_date  | date         | NO   |     | NULL    |       |
```

```
| total_price | decimal(10,2) | YES |     | 0.00    |       |
+-------------+---------------+------+-----+--------+-------+
4 rows in set (0.00 sec)

mysql> desc order_items;
+---------------+---------------+------+-----+---------+----------------+
| Field         | Type          | Null | Key | Default | Extra          |
+---------------+---------------+------+-----+---------+----------------+
| order_item_id | int           | NO   | PRI | NULL    | auto_increment |
| orderid       | char(6)       | NO   | MUL | NULL    |                |
| jewelleryid   | char(5)       | NO   | MUL | NULL    |                |
| unitid        | char(7)       | NO   | MUL | NULL    |                |
| current_price | decimal(10,2) | NO   |     | 0.00    |                |
| total_price   | decimal(10,2) | NO   |     | 0.00    |                |
+---------------+---------------+------+-----+---------+----------------+
6 rows in set (0.00 sec)

mysql> desc unit;
+---------------+--------------------------------------------------+------+-----+-----------+-------+
| Field         | Type                                             | Null | Key | Default   | Extra |
+---------------+--------------------------------------------------+------+-----+-----------+-------+
| unitid        | char(7)                                          | NO   | PRI | NULL      |       |
| jewelleryid   | char(5)                                          | YES  | MUL | NULL      |       |
| size          | varchar(40)                                      | YES  |     | NULL      |       |
| weight        | int                                              | NO   |     | 0         |       |
| material      | varchar(40)                                      | YES  |     | NULL      |       |
| makingcharges | decimal(10,2)                                    | YES  |     | 0.00      |       |
| wastagecharges| decimal(10,2)                                    | YES  |     | 0.00      |       |
| date_added    | date                                             | NO   |     | NULL      |       |
| status        | enum('Available','Sold','Reserved','Out of Stock')| NO  |     | Available |       |
| date_sold     | date                                             | YES  |     | NULL      |       |
+---------------+--------------------------------------------------+------+-----+-----------+-------+
10 rows in set (0.00 sec)
```

```
mysql> desc payment;
+--------------+-------------------------------------------------+------+-----+---------+-------+
| Field        | Type                                            | Null | Key | Default | Extra |
+--------------+-------------------------------------------------+------+-----+---------+-------+
| paymentid    | char(10)                                        | NO   | PRI | NULL    |       |
| orderid      | char(6)                                         | NO   | MUL | NULL    |       |
| mode         | enum('Cash','Debit Card','Credit Card','Bitcoin') | NO   |     | Cash    |       |
| payment_date | date                                            | NO   |     | NULL    |       |
| amount       | int                                             | NO   |     | 0       |       |
+--------------+-------------------------------------------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql>
```