1.
```
mysql> create table customer(cust_id integer,cust_name varchar(20),cust_hname
varchar(20),cust_street varchar(20),cust_phone integer);
ERROR 1050 (42S01): Table 'customer' already exists
mysql> desc customer;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| cust_id     | int         | YES  |     | NULL    |       |
| cust_name   | varchar(20) | YES  |     | NULL    |       |
| cust_hname  | varchar(20) | YES  |     | NULL    |       |
| cust_street | varchar(20) | YES  |     | NULL    |       |
| cust_phone  | int         | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
```

2.
```
mysql> create table order_db(order_id integer,cust_id integer, item_code
integer,order_date date,expiry_date date,delivery_date date,payment_mode char(1));
Query OK, 0 rows affected (1.17 sec)

mysql> desc order_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| order_id      | int     | YES  |     | NULL    |       |
| cust_id       | int     | YES  |     | NULL    |       |
| item_code     | int     | YES  |     | NULL    |       |
| order_date    | date    | YES  |     | NULL    |       |
| expiry_date   | date    | YES  |     | NULL    |       |
| delivery_date | date    | YES  |     | NULL    |       |
| payment_mode  | char(1) | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

3.
```
mysql> create table item_db(item_code integer,item_name char(1),current_stoke
integer,unit_price integer);
Query OK, 0 rows affected (0.58 sec)

mysql> desc item_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| item_code     | int     | YES  |     | NULL    |       |
| item_name     | char(1) | YES  |     | NULL    |       |
| current_stoke | int     | YES  |     | NULL    |       |
| unit_price    | int     | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

4.
```
mysql> Alter table customer add constraint p1k primary key(cust_id);
Query OK, 0 rows affected (1.73 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc customer;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| cust_id     | int         | NO   | PRI | NULL    |       |
| cust_name   | varchar(20) | YES  |     | NULL    |       |
| cust_hname  | varchar(20) | YES  |     | NULL    |       |
| cust_street | varchar(20) | YES  |     | NULL    |       |
| cust_phone  | int         | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
```

5.

```
mysql> Alter table item_db add constraint p2k primary key(item_code);
Query OK, 0 rows affected (1.36 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc item_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| item_code     | int     | NO   | PRI | NULL    |       |
| item_name     | char(1) | YES  |     | NULL    |       |
| current_stoke | int     | YES  |     | NULL    |       |
| unit_price    | int     | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

6.

```
mysql> Alter table order_db add constraint foreign key (cust_id) references
customer(cust_id);
Query OK, 0 rows affected (1.71 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc order_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| order_id      | int     | YES  |     | NULL    |       |
| cust_id       | int     | YES  | MUL | NULL    |       |
| item_code     | int     | YES  |     | NULL    |       |
| order_date    | date    | YES  |     | NULL    |       |
| expiry_date   | date    | YES  |     | NULL    |       |
| delivery_date | date    | YES  |     | NULL    |       |
| payment_mode  | char(1) | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

7.
```
mysql> Alter table order_db modify order_date DATE NOT NULL;
Query OK, 0 rows affected (1.40 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc order_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| order_id      | int     | YES  |     | NULL    |       |
| cust_id       | int     | YES  | MUL | NULL    |       |
| item_code     | int     | YES  |     | NULL    |       |
| order_date    | date    | NO   |     | NULL    |       |
| expiry_date   | date    | YES  |     | NULL    |       |
| delivery_date | date    | YES  |     | NULL    |       |
| payment_mode  | char(1) | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

8.

```
mysql> alter table order_db modify order_id int unique;
Query OK, 0 rows affected, 1 warning (0.36 sec)
Records: 0  Duplicates: 0  Warnings: 1

mysql> desc order_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| order_id      | int     | YES  | UNI | NULL    |       |
| cust_id       | int     | YES  | MUL | NULL    |       |
| item_code     | int     | YES  |     | NULL    |       |
```

```
| order_date    | date    | NO   |     | NULL    |       |
| expiry_date   | date    | YES  |     | NULL    |       |
| delivery_date | date    | YES  |     | NULL    |       |
| payment_mode  | char(1) | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

9.
```
mysql> Alter table order_db add check (payment_mode in ('D','R','C'));
Query OK, 0 rows affected (1.92 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc order_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| order_id      | int     | YES  | UNI | NULL    |       |
| cust_id       | int     | YES  | MUL | NULL    |       |
| item_code     | int     | YES  |     | NULL    |       |
| order_date    | date    | NO   |     | NULL    |       |
| expiry_date   | date    | YES  |     | NULL    |       |
| delivery_date | date    | YES  |     | NULL    |       |
| payment_mode  | char(1) | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

10.

```
mysql> Alter table order_db add remark char(10) default 'direct';
Query OK, 0 rows affected (0.36 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc order_db;
+---------------+----------+------+-----+---------+-------+
| Field         | Type     | Null | Key | Default | Extra |
+---------------+----------+------+-----+---------+-------+
| order_id      | int      | YES  | UNI | NULL    |       |
| cust_id       | int      | YES  | MUL | NULL    |       |
| item_code     | int      | YES  |     | NULL    |       |
| order_date    | date     | NO   |     | NULL    |       |
| expiry_date   | date     | YES  |     | NULL    |       |
| delivery_date | date     | YES  |     | NULL    |       |
| payment_mode  | char(1)  | YES  |     | NULL    |       |
| remark        | char(10) | YES  |     | direct  |       |
+---------------+----------+------+-----+---------+-------+
```

11.
```
mysql> alter table order_db modify remark varchar(10);
Query OK, 0 rows affected (2.39 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc order_db;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| order_id      | int         | YES  | UNI | NULL    |       |
| cust_id       | int         | YES  | MUL | NULL    |       |
| item_code     | int         | YES  |     | NULL    |       |
| order_date    | date        | NO   |     | NULL    |       |
| expiry_date   | date        | YES  |     | NULL    |       |
| delivery_date | date        | YES  |     | NULL    |       |
| payment_mode  | char(1)     | YES  |     | NULL    |       |
| remark        | varchar(10) | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
```

12.

```
mysql> alter table order_db drop  column remark;
Query OK, 0 rows affected (0.28 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc order_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| order_id      | int     | YES  | UNI | NULL    |       |
| cust_id       | int     | YES  | MUL | NULL    |       |
| item_code     | int     | YES  |     | NULL    |       |
| order_date    | date    | NO   |     | NULL    |       |
| expiry_date   | date    | YES  |     | NULL    |       |
| delivery_date | date    | YES  |     | NULL    |       |
| payment_mode  | char(1) | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

13.

```
mysql> desc customer;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| cust_id     | int         | NO   | PRI | NULL    |       |
| cust_name   | varchar(20) | YES  |     | NULL    |       |
| cust_hname  | varchar(20) | YES  |     | NULL    |       |
| cust_street | varchar(20) | YES  |     | NULL    |       |
| cust_phone  | int         | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
```

```
mysql> desc order_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| order_id      | int     | YES  | UNI | NULL    |       |
| cust_id       | int     | YES  | MUL | NULL    |       |
| item_code     | int     | YES  |     | NULL    |       |
| order_date    | date    | NO   |     | NULL    |       |
| expiry_date   | date    | YES  |     | NULL    |       |
| delivery_date | date    | YES  |     | NULL    |       |
| payment_mode  | char(1) | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```

```
mysql> desc item_db;
+---------------+---------+------+-----+---------+-------+
| Field         | Type    | Null | Key | Default | Extra |
+---------------+---------+------+-----+---------+-------+
| item_code     | int     | NO   | PRI | NULL    |       |
| item_name     | char(1) | YES  |     | NULL    |       |
| current_stoke | int     | YES  |     | NULL    |       |
| unit_price    | int     | YES  |     | NULL    |       |
+---------------+---------+------+-----+---------+-------+
```