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Roll No: 20

FYCS

Assignment No: 3

Q1. Create the following given table with appropriate datatype and constraints

Table Name: book_20

```
SQL> create table book_20(bookid varchar(10) primary key,title varchar(50) not null,publisher varchar(30) not null,category varchar(30) not null,year varchar(15) not null,price number(8) check(price>0));  
Table created.
```

Table Name: distributor_20

```
SQL> create table distributor_20(distid varchar(6) primary key,distributor varchar(20) not null,city varchar(30) default 'Mumbai',discount varchar(30) default 15,credit varchar(15) check(credit>0));  
Table created.
```

Table Name: orders_20

```
SQL> create table orders_20(orderno varchar(20) primary key,title varchar(30) not null,distid varchar(30) references distributor_20(distid), qty varchar(15) check(qty>0),bookid varchar(10) references book_20(bookid) );  
Table created.
```

Q2. Answer the following queries

1. Rename the table Orders as Order_Details.

```
SQL> alter table orders_20  
2 rename to order_details;  
Table altered.
```

2. Add a column Author in Book table with appropriate data type.

```
SQL> alter table book_20  
2 add author varchar(20) not null;  
  
Table altered.
```

3. Delete the column Credit from Distributor table.

```
SQL> alter table distributor_20  
2 drop column credit;  
  
Table altered.
```

4. Update the data type of column city to varchar(15) in Distributor table.

```
SQL> alter table distributor_20  
2 modify city varchar(15);  
  
Table altered.
```

5. Add a column date in Orders table.

```
SQL> alter table order_details  
2 add dates date not null;  
  
Table altered.
```