

Name : Ashutosh mishra

FYCS ROLLNO 30

ASSIGNMENT 3

Table Name:BOOK_ROLLNO

Column Name	Data Type	Size	Attribute
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	Should be greater than 0

```
SQL> desc book_30;
```

```
Name                               Null?    Type
-----
BOOKID                             NOT NULL VARCHAR2(10)
TITLE                              NOT NULL VARCHAR2(50)
PUBLISHER                          NOT NULL VARCHAR2(30)
CATEGORY                          NOT NULL VARCHAR2(30)
YEAR                              NOT NULL VARCHAR2(15)
PRICE                             NOT NULL NUMBER(6)
```

Table Name: DISTRIBUTOR_ROLLNO

Column Name	Data Type	Size	Attribute
DISTID	Varchar	6	Primary Key
DISTRIBUTOR	Varchar	20	Not null
CITY	Varchar	30	Default Mumbai
DISCOUNT(in Rupees)	Varchar	30	Default value 15
CREDIT	Varchar	15	Should be greater than 0

```
SQL> desc distributor_30;
```

Name	Null?	Type
DISTID	NOT NULL	VARCHAR2(6)
DISTRIBUTOR	NOT NULL	VARCHAR2(20)
CITY		VARCHAR2(30)
DISCOUNT_IN_RUPEES		VARCHAR2(30)
CREDIT		VARCHAR2(15)

Table Name: ORDERS_ROLLNO

Column Name	Data Type	Size	Attribute
ORDNO	Varchar	20	Primary key
TITLE	Varchar	30	Not null
DISTID	Varchar	30	Foreign Key
QTY	Varchar	15	Should be greater than 0
BOOKID	Varchar	10	Foreign Key

```
SQL> desc orders_30;
```

Name	Null?	Type
ORDNO	NOT NULL	VARCHAR2(20)
TITLE	NOT NULL	VARCHAR2(30)
DISTID		VARCHAR2(30)
QTY		VARCHAR2(15)
BOOKID		VARCHAR2(10)

Q2. Answer the following queries

1. Rename the table Orders as Order_Details.

```
SQL> alter table orders_30
2 rename to orders_details;

Table altered.
```

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

```
Table altered.
```

```
SQL> alter table book_30  
2 add author varchar(20) not null;
```

```
Table altered.
```

3.Delete the column Credit from Distributor table.

```
SQL> alter table distributor_30  
2 drop column credit;
```

```
Table altered.
```

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

```
SQL> alter table distributor_30  
2 modify city varchar(15);
```

```
Table altered.
```

5.Add a column date in Orders table.

```
SQL> alter table orders_details  
2 add dates date not null;
```

```
Table altered.
```