## **FYCS - 04**

## **ASSIGNMENT NO. 3**

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

**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 |

| Run SQL Command Line     |        |     |  |         | ×    |
|--------------------------|--------|-----|--|---------|------|
|                          |        | 100 | RIMARY KEY,TITLE VARCHAR(50) NOT NULL,PUBLIS<br>(15) NOT NULL,PRICE NUMBER(8) CHECK(PRICE>0) | VARCHAR | (30) |
| Table created.           |        |     |  |         |      |
| SQL> DESC BOOK_MOKSHI04; |        |     |  |         |      |
| Name                     | Null?  |     | Туре   |         |      |
| BOOKID                   | NOT NU | ILL | VARCHAR2(10)   |         |      |
| TITLE                    | NOT NU | ILL | VARCHAR2(50)   |         |      |
| PUBLISHER                | NOT NU | ILL | VARCHAR2(30)   |         |      |
| CATEGORY                 | NOT NU | ILL | VARCHAR2(30)   |         |      |
| YEAR                     | NOT NU | ILL | VARCHAR2(15)   |         |      |
| PRICE                    |        |     | NUMBER(8)  |         |      |

**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 |
|                     |           |      |                          |

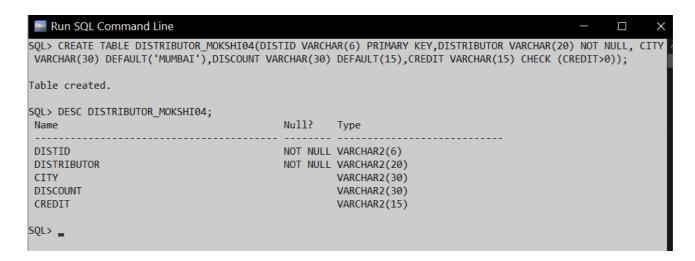
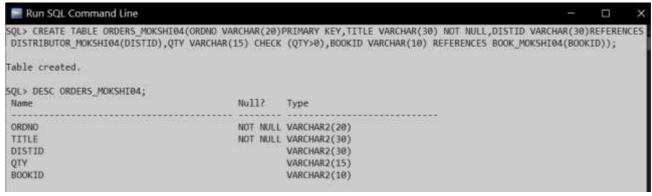


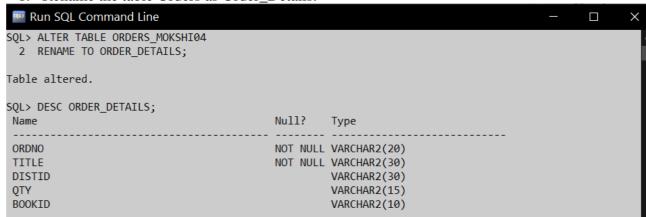
Table Name: ORDERS ROLLNO

| 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              |

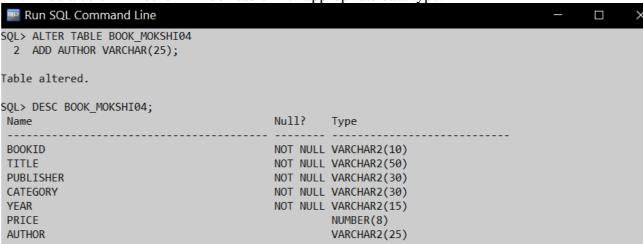


## **O2.** Answer the following queries

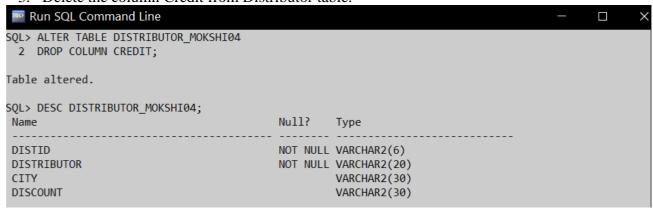
1. Rename the table Orders as Order\_Details.



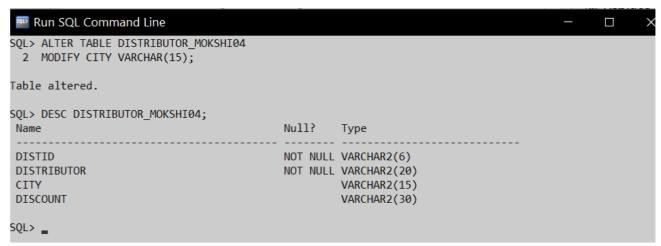
2. Add a column Author in Book table with appropriate data type.



3. Delete the column Credit from Distributor table.



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



5. Add a column date in Orders table.

## Run SQL Command Line

SQL> ALTER TABLE ORDER\_DETAILS

2 ADD DATEOF DATE;

Table altered.

