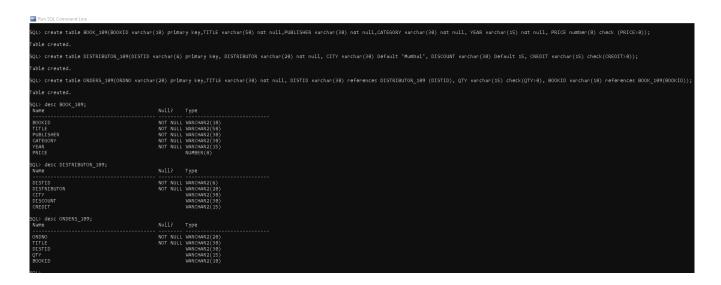
## **ASSIGNMENT 3**

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

Table Name: BOOK ROLLNO

Table Name: DISTRIBUTOR\_ROLLNO

Table Name: ORDERS ROLLNO



## Q2. Answer the following queries

## 1. Rename the table Orders as Order Details.

Run SQL Command Line

SQL> alter table ORDERS\_109
2 rename to ORDER\_DETAILS\_109;

Table altered.

```
SQL> desc ORDER_DETAILS_109;
Name Null? Type

ORDNO NOT NULL VARCHAR2(20)
TITLE NOT NULL VARCHAR2(30)
DISTID VARCHAR2(30)
QTY VARCHAR2(15)
BOOKID VARCHAR2(10)

SQL>
```

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

```
Run SQL Command Line
SQL> alter table BOOK_109
 2 add AUTHOR varchar(30) not null;
Table altered.
SQL> desc BOOK_109;
                                           Null? Type
Name
 BOOKID
                                           NOT NULL VARCHAR2(10)
 TITLE
                                           NOT NULL VARCHAR2(50)
                                           NOT NULL VARCHAR2(30)
 PUBLISHER
 CATEGORY
                                           NOT NULL VARCHAR2(30)
 YEAR
                                           NOT NULL VARCHAR2(15)
                                                     NUMBER(8)
 PRICE
                                           NOT NULL VARCHAR2(30)
 AUTHOR
SQL>
```

## 3. Delete the column Credit from Distributor table.

```
Run SQL Command Line
SQL> alter table DISTRIBUTOR 109
 2 drop column CREDIT;
Table altered.
SQL> desc DISTRIBUTOR_109;
                                            Null?
                                                     Type
DISTID
                                            NOT NULL VARCHAR2(6)
                                            NOT NULL VARCHAR2(20)
DISTRIBUTOR
CITY
                                                     VARCHAR2(30)
DISCOUNT
                                                     VARCHAR2(30)
SQL>
```

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

```
Run SQL Command Line
SQL> alter table DISTRIBUTOR 109
 2 modify CITY varchar(15);
Table altered.
SQL> desc DISTRIBUTOR_109;
                                            Null? Type
Name
DISTID
                                            NOT NULL VARCHAR2(6)
                                            NOT NULL VARCHAR2(20)
DISTRIBUTOR
                                                     VARCHAR2(15)
CITY
DISCOUNT
                                                     VARCHAR2(30)
SQL>
```

## 5. Add a column date in Orders table.

```
Run SQL Command Line
SQL> alter table ORDER_DETAILS_109
 2 add DATE_OF_ORDER date;
Table altered.
SQL> desc ORDER_DETAILS_109;
                                            Null?
 Name
                                                     Type
 ORDNO
                                            NOT NULL VARCHAR2(20)
 TITLE
                                            NOT NULL VARCHAR2(30)
 DISTID
                                                     VARCHAR2(30)
                                                     VARCHAR2(15)
 QTY
 BOOKID
                                                     VARCHAR2(10)
 DATE_OF_ORDER
                                                     DATE
SQL>
```