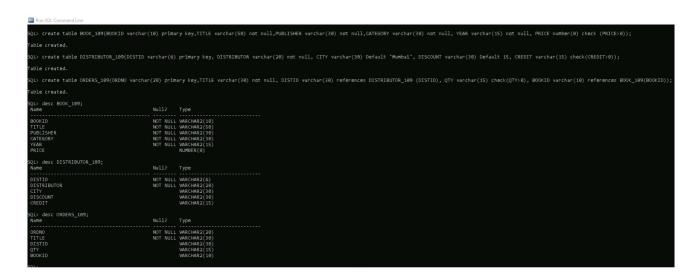
ASSIGNMENT 3

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?
Name
                                                      Type
                                            NOT NULL VARCHAR2(10)
 BOOKID
 TITLE
                                            NOT NULL VARCHAR2(50)
 PUBLISHER
                                            NOT NULL VARCHAR2(30)
 CATEGORY
                                            NOT NULL VARCHAR2(30)
 YEAR
                                            NOT NULL VARCHAR2(15)
 PRICE
                                                      NUMBER(8)
 AUTHOR
                                            NOT NULL VARCHAR2(30)
SQL>
```

3. Delete the column Credit from Distributor table.

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
                                           NOT NULL VARCHAR2(6)
DISTID
                                           NOT NULL VARCHAR2(20)
DISTRIBUTOR
CITY
                                                     VARCHAR2(15)
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)
                                            NOT NULL VARCHAR2(30)
TITLE
DISTID
                                                     VARCHAR2(30)
                                                     VARCHAR2(15)
QTY
 BOOKID
                                                     VARCHAR2(10)
DATE_OF_ORDER
                                                     DATE
SQL>
```