**DDL COMMANDS**

**CREATE TABLE Author(Author\_id number(5),Name varchar(20),Email varchar(50),Phone number(10),status varchar(10));**

**DESC Author;**

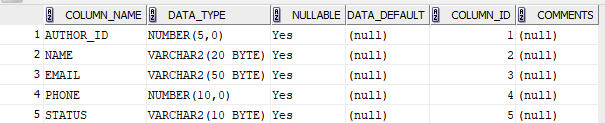


table AUTHOR created.

Desc Author

Name Null Type

--------- ---- ------------

AUTHOR\_ID NUMBER(5)

NAME VARCHAR2(20)

EMAIL VARCHAR2(50)

PHONE NUMBER(10)

STATUS VARCHAR2(10)

**CREATE TABLE Book\_Author(Author\_id number(5), Book\_id number(5));**

**DESC Book\_Author;**



table BOOK\_AUTHOR created.

DESC Book\_Author

Name Null Type

--------- ---- ---------

AUTHOR\_ID NUMBER(5)

BOOK\_ID NUMBER(5)

**CREATE TABLE Publisher(Publisher\_id number(5), Name varchar(20), Address varchar(50));**

**DESC Publisher;**

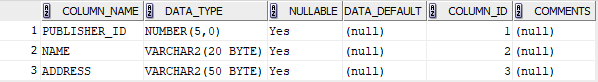


table PUBLISHER created.

DESC Publisher

Name Null Type

------------ ---- ------------

PUBLISHER\_ID NUMBER(5)

NAME VARCHAR2(20)

ADDRESS VARCHAR2(50)

**CREATE TABLE Member(Member\_id number(5), Name varchar(20), Branch\_code number (10), Roll\_number number(10),Phonenumber number(10), Email varchar(50), Date\_of\_join number(10),status varchar(10));**

**DESC Member;**

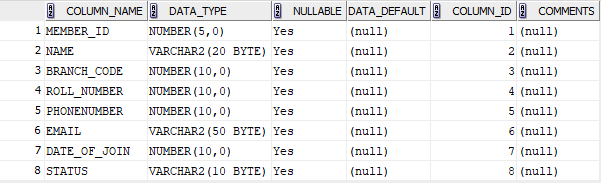


table MEMBER created.

DESC Member

Name Null Type

------------ ---- ------------

MEMBER\_ID NUMBER(5)

NAME VARCHAR2(20)

BRANCH\_CODE NUMBER(10)

ROLL\_NUMBER NUMBER(10)

PHONENUMBER NUMBER(10)

EMAIL VARCHAR2(50)

DATE\_OF\_JOIN NUMBER(10)

STATUS VARCHAR2(10)

**CREATE TABLE Book\_Issue(Issue\_id number(5), Book\_id number(20), Member\_id number (10), Date\_of\_issue varchar(10),status varchar(10), Expected\_date\_of\_return varchar(10));**

**DESC Book\_Issue;**

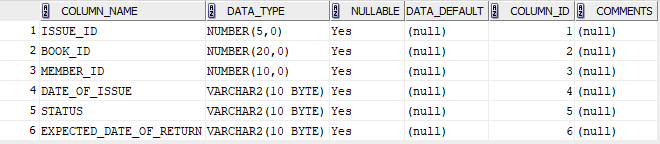


table BOOK\_ISSUE created.

DESC Book\_Issue

Name Null Type

----------------------- ---- ------------

ISSUE\_ID NUMBER(5)

BOOK\_ID NUMBER(20)

MEMBER\_ID NUMBER(10)

DATE\_OF\_ISSUE VARCHAR2(10)

STATUS VARCHAR2(10)

EXPECTED\_DATE\_OF\_RETURN VARCHAR2(10)

**CREATE TABLE Book\_Return( Issue\_id NUMBER(5), Actual\_date\_of\_return VARCHAR(10), Late\_Days VARCHAR(10), Late\_Fees NUMBER(10));**

**DESC Book\_Return;**

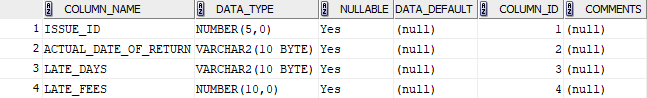


table BOOK\_RETURN created.

DESC Book\_Return

Name Null Type

--------------------- ---- ------------

ISSUE\_ID NUMBER(5)

ACTUAL\_DATE\_OF\_RETURN VARCHAR2(10)

LATE\_DAYS VARCHAR2(10)

LATE\_FEES NUMBER(10)

**CREATE TABLE Book(Book\_id number(10) PRIMARY KEY, Title varchar(20), Language\_id number(10), MRP number(10), Publisher\_id number(10), Published\_date number(10), Volume number(10), Status varchar(20));**

**DESC Book;**

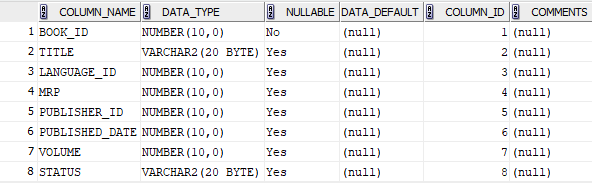


table BOOK created.

DESC Book

Name Null Type

-------------- -------- ------------

BOOK\_ID NOT NULL NUMBER(10)

TITLE VARCHAR2(20)

LANGUAGE\_ID NUMBER(10)

MRP NUMBER(10)

PUBLISHER\_ID NUMBER(10)

PUBLISHED\_DATE NUMBER(10)

VOLUME NUMBER(10)

**CREATE TABLE Language( Language\_id number(10), Name varchar(20));**

**DESC Language;**

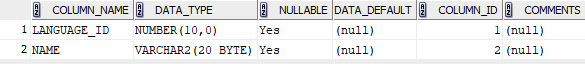


table LANGUAGE created.

DESC Language

Name Null Type

----------- ---- ------------

LANGUAGE\_ID NUMBER(10)

NAME VARCHAR2(20)

**CREATE TABLE Late\_FEE\_Rule(FromDays number(10), ToDays number(10),Amount number(5), PRIMARY KEY(FromDays,ToDays,Amount));**

**DESC Late\_FEE\_Rule;**

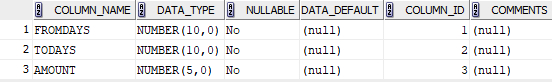


table LATE\_FEE\_RULE created.

DESC Late\_FEE\_Rule

Name Null Type

-------- -------- ----------

FROMDAYS NOT NULL NUMBER(10)

TODAYS NOT NULL NUMBER(10)

AMOUNT NOT NULL NUMBER(5)

**ALTER TABLE MEMBER MODIFY DATE\_OF\_JOIN VARCHAR(30);**

table MEMBER altered.

DESC MEMBER

Name Null Type

------------ -------- ------------

MEMBER\_ID NOT NULL NUMBER(5)

NAME VARCHAR2(20)

BRANCH\_CODE NUMBER(10)

ROLL\_NUMBER NUMBER(10)

PHONENUMBER NUMBER(10)

EMAIL VARCHAR2(50)

DATE\_OF\_JOIN VARCHAR2(30)

STATUS VARCHAR2(10)

**TRUNCATE TABLE PUBLISHER;**

table PUBLISHER truncated.

**ALTER TABLE AUTHOR DROP COLUMN AUTHOR\_ID CASCADE CONSTRAINTS;**

column AUTHOR\_ID was dropped.

**ALTER TABLE LATE\_FEE\_RULE TABLE RENAME TO FINE;**

table LATE\_FEE\_RULE altered.