**Member:**

**SEQUENCE FOR MEMBERS TABLE:-**

CREATE SEQUENCE MEM\_ID

START WITH 00001

INCREMENT BY 1

MAXVALUE 99999

NOCACHE

NOCYCLE;

**CREATING MEMBERS TABLE:-**

CREATE TABLE MEMBERS

(

MEM\_ID VARCHAR2 (10) PRIMARY KEY,

MEM\_PWD VARCHAR2 (10) NOT NULL,

MEM\_FNAME VARCHAR2 (10) NOT NULL,

MEM\_MNAME VARCHAR2 (10),

MEM\_LNAME VARCHAR2 (10),

MEM\_ADDRESS VARCHAR2 (50) NOT NULL,

MEM\_EMAILID VARCHAR2 (30) NOT NULL,

MEM\_CELLNO NUMBER (10) NOT NULL,

MEM\_TYPE VARCHAR2 (10),

MEM\_STATUS VARCHAR2 (10) DEFAULT 'INACTIVE',

MEM\_REGDATE DATE,

SEC\_QUE VARCHAR2 (30),

SEC\_QUE\_ANS VARCHAR2 (30)

);

**INSERTING VALUES IN MEMBERS TABLE:-**

INSERT INTO MEMBERS VALUES (CONCAT ('LM', MEM\_ID.NEXTVAL),

'PASSWORD','YUVRAJ','YUVRAJ','YUVRAJ','GUJARAT','YUVI@YUVI.COM',

9427478988,'NORMAL','','12-JUN-2012');

**------------------------------------------------------------------------------------**

**LIBRARIAN**

**CREATING LIBRARIAN TABLE:-**

CREATE TABLE LIBRARIAN

(

LIB\_NAME VARCHAR2 (10),

LIB\_ID VARCHAR2 (10) NOT NULL,

LIB\_PWD VARCHAR2 (10) NOT NULL,

LIB\_EMAILID VARCHAR2 (30),

LIB\_CELLNO NUMBER (10)

);

**INSERTING VALUES IN LIBRARIAN TABLE:-**

INSERT INTO LIBRARIAN VALUES (

'KAILASH', 'LBID01','KAILASH','KAILASH.JOSHI@TECHMAHINDRA.COM', 9167634636);

**CREATING LIBRARIAN LOGIN TABLE:-**

CREATE TABLE LIB\_LOGIN

(

LOGIN\_DATE DATE,

LOGIN\_TIME VARCHAR2 (10),

LOGOUT\_TIME VARCHAR2 (10),

LOGIN\_ID VARCHAR2 (10)

);

**------------------------------------------------------------------------------------**

**BOOKS**

**CREATING SEQUENCE FOR BOOKS:-**

CREATE SEQUENCE BOOK\_ID

START WITH 00001

INCREMENT BY 1

MAXVALUE 99999

NOCACHE

NOCYCLE;

**CREATING TABLE BOOKS:-**

CREATE TABLE BOOKS

(

BOOK\_ID VARCHAR2 (10) PRIMARY KEY,

BOOK\_NAME VARCHAR2 (30),

BOOK\_AUTHOR VARCHAR2 (20),

BOOK\_QTY NUMBER (10),

BOOK\_PUBLISHER VARCHAR2 (30),

BOOK\_PUBYEAR NUMBER (5),

BOOK\_PUR\_DATE DATE,

BOOK\_PAGES NUMBER (10),

BOOK\_VERSION VARCHAR2 (10),

BOOK\_CAT VARCHAR2 (15)

);

**INSERTING VALUES INTO BOOKS TABLE:-**

INSERT INTO BOOKS VALUES (

CONCAT ('BID', BOOK\_ID.NEXTVAL),'J2EE','VISHAL', 20,'TECHM', 2012,'03-AUG-2012', 500,'1.1.0.1','TECHNICAL'

);

**BOOK\_COPIES**

CREATE TABLE BOOK\_COPIES(

BOOK\_ID VARCHAR2(10) REFERENCES BOOKS(BOOK\_ID),

BOOK\_COPY\_ID VARCHAR2(10) PRIMARY KEY

);

**CREATING SEQUENCE FOR BOOK\_COPIES:-**

CREATE SEQUENCE BOOK\_COPYID

START WITH 00001

INCREMENT BY 1

MAXVALUE 99999

NOCACHE

NOCYCLE;

**------------------------------------------------------------------------------------**

**ISSUE BOOK**

**CREATING SEQUENCE FOR ISSUE\_BOOKS:-**

CREATE SEQUENCE BOOK\_ISSUEID

START WITH 00001

INCREMENT BY 1

MAXVALUE 99999

NOCACHE

NOCYCLE;

**CREATING TABLE ISSUE\_BOOKS:-**

CREATE TABLE ISSUE\_BOOKS

(

BOOK\_ISSUEID VARCHAR2 (10) PRIMARY KEY,

MEM\_ID VARCHAR2 (10) REFERENCES MEMBERS (MEM\_ID),

BOOK\_ID VARCHAR2 (10) REFERENCES BOOKS (BOOK\_ID),

BOOK\_ISSUE\_DATE DATE,

BOOK\_EXP\_RET\_DATE DATE,

BOOK\_ACT\_RET\_DATE DATE,

NO\_DAYS\_OVERDUE NUMBER (10)

);

**INSERTING VALUES IN ISSUE\_BOOK TABLE:-**

**PAYMENT**

**CREATING SEQUENCE FOR TRANSACTION\_ID:-**

CREATE SEQUENCE TRANS\_ID

START WITH 00001

INCREMENT BY 1

MAXVALUE 99999

NOCACHE

NOCYCLE;

**CREATING TABLE PAYMENT:-**

CREATE TABLE PAYMENT

(

MEM\_ID VARCHAR2 (10) REFERENCES MEMBERS (MEM\_ID),

TRANS\_ID VARCHAR2 (10),

MODE\_OF\_PAYMENT VARCHAR2 (10),

AMOUNT NUMBER (10),

PAYMENT\_DATE DATE,

FEES\_TYPE VARCHAR2 (10)

);

**------------------------------------------------------------------------------------**

**BOOK REQUEST**

**CREATING TABLE BOOK\_REQUEST:-**

CREATE TABLE BOOK\_REQUEST

(

MEM\_ID VARCHAR2 (10) REFERENCES MEMBERS (MEM\_ID),

BOOK\_REQUEST\_ID VARCHAR2 (10),

BOOK\_NAME VARCHAR2 (30),

BOOK\_AUTHOR VARCHAR2 (20),

BOOK\_PUBLISHER VARCHAR2 (30),

BOOK\_VERSION NUMBER (10),

BOOK\_STATUS VARCHAR2 (10),

BOOK\_REQUEST\_DATE DATE

);

**CREATING SEQUENCE FOR BOOK\_REQUEST\_ID:-**

CREATE SEQUENCE BOOK\_REQUEST\_ID

START WITH 00001

INCREMENT BY 1

MAXVALUE 99999

NOCACHE

NOCYCLE;

**------------------------------------------------------------------------------------**