library Management System Database

//****************** *Create Table library Management System Menu* ******************//

```
create  table Menu
(
 SNO number(10),
 TNAME varchar(10),
 TABTYPE varchar(10)
);
```

/************************* *Insert Values Into Menu* *************************************//

```
insert into Menu values(1,'BOOK','Table' );
insert into Menu values(2,'LIBRARY','Table' );
insert into Menu values(3,'READER','Table' );
insert into Menu values(4,'ISSUE','Table' );
insert into Menu values(5,'RETURN','Table' );
```

//*********************************** *Ouput* ***************************************//

SNO	TNAME	TABTYPE
1	LIBRARY	Table
2	BOOK	Table
3	READER	Table
4	ISSUE	Table
5	RETURN	Table

//*************************   ***Create Table Library***   ***********************************//

```
create  table LIBRARY
(
 Library_Name varchar(50),
 Library_Address varchar(50),
 Library_Phono number(10)
);
```

//*************************   ***Insert Values Into Library***   ***************************//

```
Insert into library VALUES ('Jay chinche Library','Hiwara Korde',90078601);
Insert into library VALUES ('Foundation Library', 'Lalazaar',845245632);
Insert into library VALUES ('FAST Library Islamabad','Murtizapur',3345144325);
Insert into library VALUES ('CUST Ubrary', 'Sihala', 443245533);
Insert Into library VALUES ('AIT Library Rawat','Pune', 43492345);
Insert into library VALUES ('Roots Library', 'Bahria Town',44325553);
```

//************************************   ***Ouput***   **//

LIBRARY_NAME	LIBRARY_ADDRESS	LIBRARY_PHONO
Jay chinche Library	Hiwara Korde	90078601
Foundation Library	Lalazaar	845245632
FAST Library Islamabad	Murtizapur	3345144325
CUST Ubrary	Sihala	443245533
AIT Library Rawat	Pune	43492345
Roots Library	Bahria Town	44325553
Roots Library	Bahria Town	44325553

//*************************   ***Create Table Book***   ************************************//

```
create table book
(
 Book_id int,
 Book_Name varchar(50),
 Book_Author varchar(50),
 Publisher varchar(50),
 Book_Edition varchar(50),
 Quantity number(10)
);
```

/*************************   ***Insert Values Into Book***   *******************************//

```
Insert into book VALUES (101, 'OOP', 'Jay', 'sarthak','1st', 11);
Insert into book VALUES (102, 'DSU', 'sanket', 'vikas','2st', 12);
Insert into book VALUES (103, 'DBMS', 'sameer', 'ashitosh','3st', 13);
Insert into book VALUES (104, 'DTE', 'samyak', 'rahul','5st', 14);
Insert into book VALUES (105, 'CGR', 'Gavrav', 'suraj','1st', 15);
```

//************************************   ***Ouput***   **//

BOOK_ID	BOOK_NAME	BOOK_AUTHOR	PUBLISHER	BOOK_EDITION	QUANTITY
101	OOP	Jay	sarthak	1st	11
102	DSU	sanket	vikas	2st	12
103	DBMS	sameer	ashitosh	3st	13
104	DTE	samyak	rahul	5st	14
105	CGR	Gavrav	suraj	1st	15
106	JAVA	Jay	anup	1st	15

//************************* ***Create Table Book Reader*** *******************************//

create table READER
(
Reader_Id number(10),
Reader_Name varchar(50),
Reader_PhoneNo number(12)
);

/************************* ***Insert Values Into Reader*** *****************************//

Insert into reader VALUES (1,'Jay chinche',90078601);
Insert into reader VALUES (2,'Gavrav masand',80078601);
Insert into reader VALUES (3,'Sameer tembhare',91078601);
Insert into reader VALUES (4,'Samyak kalaskar',93078601);
Insert into reader VALUES (5,'Sanket prajapati',99078601);
Insert into reader VALUES (6,'Suraj chinche',98078601);

//********************************* ***Ouput*** ***//

READER_ID	READER_NAME	READER_PHONENO
1	Jay chinche	90078601
2	Gavrav masand	80078601
3	Sameer tembhare	91078601
4	Samyak kalaskar	93078601
5	Sanket prajapati	99078601
6	Suraj chinche	98078601

//*********************   *Create Table Book Issue Status*   *******************************//

create table ISSUE_STATUS
(
Issue_id int,
Issue_BookName varchar(50),
Issue_Date date

);

/*************************   *Insert Values Into Issue Status*   *****************************//

Insert into ISSUE_STATUS VALUES (1,'OOP','12-jan-2021');
Insert into ISSUE_STATUS VALUES (2,'DSU','15-jan-2021');
Insert into ISSUE_STATUS VALUES (3,'DBMS','29-jan-2021');
Insert into ISSUE_STATUS VALUES (4,'DTE','13-jan-2021');
Insert into ISSUE_STATUS VALUES (5,'CGR','23-jan-2021');
Insert into ISSUE_STATUS VALUES (6,'JAVA','18-jan-2021');
select * from ISSUE_STATUS;

//*************************************   *Ouput*   ***//

ISSUE_ID	ISSUE_BOOKNAME	ISSUE_DATE
1	OOP	12-JAN-21
2	DSU	15-JAN-21
3	DBMS	29-JAN-21
4	DTE	13-JAN-21
5	CGR	23-JAN-21
6	JAVA	18-JAN-21

//************************   ***Create Table Book Return Status***   ************************//

create table RETURN_STATUS
(
RETURN_ID int,
RETURN_BOOKNAME varchar(50),
RETURN_DATE date
);

/************************   ***Insert Values Into Return Status***   ****************************//

Insert into RETURN_STATUS VALUES (1,'CGR','15-jan-2021');
Insert into RETURN_STATUS VALUES (2,'DSU','15-jan-2021');
Insert into RETURN_STATUS VALUES (3,'OOP','29-jan-2021');
Insert into RETURN_STATUS VALUES (4,'DTE','13-jan-2021');
Insert into RETURN_STATUS VALUES (5,'CGR','23-jan-2021');
Insert into RETURN_STATUS VALUES (6,'DSU','18-jan-2021');

//*********************************   ***Ouput***   ***************************************//

RETURN_ID	RETURN_BOOKNAME	RETURN_DATE
1	CGR	15-JAN-21
2	DSU	15-JAN-21
3	OOP	29-JAN-21
4	DTE	13-JAN-21
5	CGR	23-JAN-21
6	DSU	18-JAN-21

/******************************** *Update command* ********************************//

Update ISSUE_STATUS set Issue_BookName='PHP' where Issue_id=3;

ISSUE_ID	ISSUE_BOOKNAME	ISSUE_DATE
1	OOP	12-JAN-21
2	DSU	15-JAN-21
3	PHP	29-JAN-21
4	DTE	13-JAN-21
5	CGR	23-JAN-21
6	JAVA	18-JAN-21