1.
```sql
CREATE TABLE PERSON(
PID INT PRIMARY KEY,
PNAME VARCHAR(50)
)
```

2.

```sql
CREATE TABLE PUBLISHER(
PUBLISHERID INT PRIMARY KEY,
PUBNAME VARCHAR(50),
LOCATION VARCHAR(250)
)
```

3.

```sql
CREATE TABLE BRANCH(
BID INT PRIMARY KEY,
LNAME VARCHAR(50),
LOCATION VARCHAR(250)
)
```

4.

```sql
CREATE TABLE DOCUMENT(
DOCID INT PRIMARY KEY,
TITLE VARCHAR(50),
PDATE DATE,
PUBLISHERID INT FOREIGN KEY REFERENCES PUBLISHER(PUBLISHERID)
)
```

5.

```sql
CREATE TABLE READER(
RID INT PRIMARY KEY,
RTYPE VARCHAR(50),
RNAME VARCHAR(50),
RADDRESS VARCHAR(250),
PHONE_NO VARCHAR(10)
)
```
6.

```sql
CREATE TABLE RESERVATION(
RES_NO INT PRIMARY KEY,
DTIME DATETIME
)
```

7.

```sql
CREATE TABLE BORROWING(
BOR_NO INT PRIMARY KEY,
BDTIME DATETIME,
RDTIME DATETIME
)
```

8.

```sql
CREATE TABLE BOOK(
DOCID INT PRIMARY KEY,
ISBN VARCHAR(10),
CONSTRAINT FK_BOOK_DOCUMENT FOREIGN KEY (DOCID)
   REFERENCES DOCUMENT(DOCID)
)
```

9.

```sql
CREATE TABLE PROCEEDIGNS(
DOCID INT PRIMARY KEY,
CDATE DATETIME,
CLOCATION VARCHAR(50),
CEDITOR VARCHAR(50),
CONSTRAINT FK_BOOK_DOCUMENT FOREIGN KEY (DOCID)
   REFERENCES DOCUMENT(DOCID)
)
```

10.

```sql
CREATE TABLE JOURNAL_VOLUME(
DOCID INT PRIMARY KEY,
VOLUMENO INT,
EDITOR INT,
CONSTRAINT FK_JV_DOCUMENT FOREIGN KEY (DOCID)
   REFERENCES DOCUMENT(DOCID),
CONSTRAINT FK_JV_PERSON FOREIGN KEY (EDITOR)
   REFERENCES PERSON(PID)
)
```
11.

```sql
CREATE TABLE CHAIRS(
DOCID INT NOT NULL,
PID INT NOT NULL,
 CONSTRAINT [PK_CHAIRS] PRIMARY KEY CLUSTERED
(
        [DOCID] ASC,
```

```sql
        [PID] ASC

) ON [PRIMARY],

CONSTRAINT FK_CHAIRS_PROCEEDING FOREIGN KEY (DOCID)
   REFERENCES PROCEEDINGS(DOCID),
CONSTRAINT FK_CHAIRS_PERSON FOREIGN KEY (PID)
   REFERENCES PERSON(PID)
)
```

12.

```sql
CREATE TABLE AUTHORS(
DOCID INT NOT NULL,
PID INT NOT NULL,
 CONSTRAINT [PK_AUTHORS] PRIMARY KEY CLUSTERED
(
        [DOCID] ASC,
        [PID] ASC

) ON [PRIMARY],

CONSTRAINT FK_AUTHORS_BOOK FOREIGN KEY (DOCID)
   REFERENCES BOOK(DOCID),
CONSTRAINT FK_AUTHORS_PERSON FOREIGN KEY (PID)
   REFERENCES PERSON(PID)
)
```

13.

```sql
CREATE TABLE JOURNAL_ISSUE(
DOCID INT NOT NULL,
ISSUE_NO INT NOT NULL,
 CONSTRAINT [PK_JI] PRIMARY KEY CLUSTERED
(
        [DOCID] ASC,
        [ISSUE_NO] ASC

) ON [PRIMARY],

CONSTRAINT FK_JI_JV FOREIGN KEY (DOCID)
   REFERENCES JOURNAL_VOLUME(DOCID)
)
```

```sql
14.
CREATE TABLE BORROWS(
BOR_NO INT NOT NULL,
DOCID INT NOT NULL,
COPYNO INT NOT NULL,
BID INT NOT NULL,
RID INT NOT NULL,
 CONSTRAINT [PK_BORROWS] PRIMARY KEY CLUSTERED
(
        [DOCID] ASC,
        [COPYNO] ASC,
        [BID] ASC,
        [BOR_NO] ASC

) ON [PRIMARY],

CONSTRAINT FK_BORROWS_BORROWING FOREIGN KEY (BOR_NO)
   REFERENCES BORROWING(BOR_NO),
CONSTRAINT FK_BORROWS_READER FOREIGN KEY (RID)
   REFERENCES READER(RID),
CONSTRAINT FK_BORROWS_COPY2 FOREIGN KEY ([DOCID], [COPYNO], [BID])
   REFERENCES DBO.[COPY]([DOCID], [COPYNO], [BID]),

)
15.

CREATE TABLE GEDIT(
DOCID INT NOT NULL,
ISSUE_NO INT NOT NULL,
PID INT NOT NULL
 CONSTRAINT [PK_GEDIT] PRIMARY KEY CLUSTERED
(
        [DOCID] ASC,
        [ISSUE_NO] ASC,
        [PID] ASC

) ON [PRIMARY],

CONSTRAINT FK_GEDIT_JI FOREIGN KEY ([DOCID], [ISSUE_NO])
   REFERENCES DBO.[JOURNAL_ISSUE]([DOCID], [ISSUE_NO]),
CONSTRAINT FK_GEDIT_PERSON FOREIGN KEY (PID)
   REFERENCES PERSON(PID)
)
```

16.
```sql
CREATE TABLE RESERVES(
RID INT NOT NULL,
RESERVATION_NO INT NOT NULL,
DOCID INT NOT NULL,
COPYNO INT NOT NULL,
BID INT NOT NULL,

 CONSTRAINT [PK_RESERVES] PRIMARY KEY CLUSTERED
(
        [DOCID] ASC,
        [COPYNO] ASC,
        [BID] ASC,
        [RESERVATION_NO] ASC

) ON [PRIMARY],

CONSTRAINT FK_RESERVES_RESERVATION FOREIGN KEY (RESERVATION_NO)
   REFERENCES RESERVATION(RES_NO),
CONSTRAINT FK_RESERVES_READER FOREIGN KEY (RID)
   REFERENCES READER(RID),
CONSTRAINT FK_RESERVES_COPY1 FOREIGN KEY ([DOCID], [COPYNO], [BID])
   REFERENCES DBO.[COPY]([DOCID], [COPYNO], [BID])
)
```
17.
```sql
CREATE TABLE [dbo].[COPY](
        [DOCID] [int] NOT NULL,
        [COPYNO] [int] NOT NULL,
        [BID] [int] NOT NULL,
        [POSITION] [varchar](6) NULL,
 CONSTRAINT [PK_COPY] PRIMARY KEY CLUSTERED
(
        [DOCID] ASC,
        [COPYNO] ASC,
        [BID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY =
OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[COPY]  WITH CHECK ADD  CONSTRAINT [FK_COPY_BRANCH_COPYNOBID]
FOREIGN KEY([COPYNO])
```

```sql
REFERENCES [dbo].[BRANCH] ([BID])
GO

ALTER TABLE [dbo].[COPY] CHECK CONSTRAINT [FK_COPY_BRANCH_COPYNOBID]
GO
```