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1 .Create Book as table with columns BookID, BookName, AuthorName, ISBN BookID should be the primary key.

RES 1: Query

```
CREATE TABLE Book (
    BookID INT PRIMARY KEY IDENTITY(1,1),
    BookName NVARCHAR(100) NOT NULL,
    AuthorName NVARCHAR(100) NOT NULL,
    ISBN NVARCHAR(100) NOT NULL
);
```

RES 2: Table

BookID	BookName	AuthorName	ISBN
1	A Song of Ice and Fire	George R. R. Martin	9357426124
2	The Hunger Games	Suzanne Collins	9780439023481
3	Harry Potter and the Philosopher's Stone	J.K. Rowling	9780747532699
4	Harry Potter and the Chamber of Secrets	J.K. Rowling	9780747538493
5	Harry Potter and the Prisoner of Azkaban	J.K. Rowling	9780747542155
6	The Alchemist	Paulo Coelho	9780061122415
7	The Da Vinci Code	Dan Brown	9780307474278

2.Alter Type from NVARCHAR(100) to NVARCHAR(50) and Alter Type from NVARCHAR(100) to NVARCHAR(150)

RES 1: Query

```
ALTER TABLE Book
ALTER COLUMN BookName NVARCHAR(50);

ALTER TABLE Book
ALTER COLUMN AuthorName NVARCHAR(150);
```

3.**Create Books Table with Bookid, book name,Authors table with author id, author name.**

RES 1 : Query

```
CREATE TABLE Books (
    BookId INT PRIMARY KEY IDENTITY(1,1),
    BookName NVARCHAR(100) NOT NULL
);
```

RES 2 : Table

BookId	BookName
1	A Song of Ice and Fire
2	The Lord of the Rings
3	Harry Potter and the Philosopher's Stone
4	Harry Potter and the Chamber of Secrets
5	Harry Potter and the Prisoner of Azkaban
6	The Alchemist

RES 3: Query

```
CREATE TABLE Authors (
    AuthorId INT PRIMARY KEY IDENTITY(1,1),
    AuthorName NVARCHAR(100) NOT NULL
);
```

RES 4 : Table

AuthorId	AuthorName
1	George R. R. Martin
2	J.R.R. Tolkien
3	J.K. Rowling
6	Paulo Coelho

4 . Create Junction table for Books and Authors.

RES 1: Query

```
CREATE TABLE BooksAuthors (
    BookId INT,
    AuthorId INT,
    PRIMARY KEY (BookId, AuthorId),
    FOREIGN KEY (BookId) REFERENCES Books(BookId),
    FOREIGN KEY (AuthorId) REFERENCES Authors(AuthorId)
);
```

RES 2 : Table

BookId	AuthorId
1	1
2	2
3	3
4	3
5	3
6	6

RES 3 : Database Diagram