

## **SQL QUERY PRACTICLE**

Create Table Authors

```
(  
Id INT not null auto_increment primary key,  
Name varchar(40),  
Country varchar(30)  
  
)  
select * from Authors
```

INSERT into Authors(Name,Country)

VALUES

```
('ABC','Nepal'),  
('XYX','INDIA'),  
('ASD','PAKISHAN'),  
('ABCD','BANGLADESH'),  
('ABCX','Nepal')
```

Create Table Books

```
(  
Id INT NOT NULL AUTO_INCREMENT PRIMARY KEY,  
  
Title varchar(40)  
  
)  
select * from Books
```

```
insert into Books(Title)
values
('Math'),('Eng'),('ECO')
```

```
create table BooksAuthors
(
  AuthorId INT Not null,

  BookId Int not Null,

  FOREIGN KEY (AuthorId) REFERENCES Authors(Id),

  FOREIGN KEY (BookId) REFERENCES Books(Id)
)
```

```
select * from BooksAuthors
```

```
insert into BooksAuthors(AuthorId,BookId)
```

```
values
```

```
(1,2),
```

```
(2,2),
```

```
(3,2),
```

```
(4,3),
```

```
(5,4)
```

```
SELECT ba.AuthorId,  
a.Name AuthorName,  
ba.BookId,  
b.Title BookTitle
```

```
From BooksAuthors ba  
INNER JOIN Authors a ON a.Id = ba.AuthorId  
INNER JOIN Books b ON b.Id = ba.BookId
```