create database projectbook;

use projectbook;

create table publishers (

publisher\_id int primary key,

publisher\_name varchar(237) not null

);

insert into publishers values(1,'Scholastic Inc');

insert into publishers values(2,' Atria Books');

insert into publishers values(3,' Bloomsbury');

create table categories (

category\_id int primary key,

category\_name varchar(237) unique not null

);

insert into categories values(1, 'adventure');

insert into categories values(2, 'fantasy');

insert into categories values(3, 'scfi');

create table users (

user\_id int primary key,

user\_name varchar(237) not null,

email varchar(237) unique not null,

phone\_number bigint unique not null

);

insert into users values(10,'sow','sow@123',9876543210);

insert into users values(11,'janya','janya@456',9123456789);

insert into users values(12,'dusky','dusky@789',9098765432);

create table books (

book\_id int primary key,

title varchar(237) not null,

ISBN int unique not null,

publication\_year date not null,

publisher\_id int,

category\_id int,

auther\_name varchar(237) check(auther\_name is not null),

foreign key (publisher\_id) references publishers(publisher\_id) on delete cascade,

foreign key (category\_id) references categories(category\_id) on delete cascade

);

insert into books values(100,'LION AND KING',10,'2001-08-12',1,1,'DON FERGUSON');

insert into books values(101,'CRINDERELLA',11,'2002-08-12',2,2,'CHARLES PERRAULT');

insert into books values(102,'AVATAR',12,'2003-08-12',3,3,'JAMES CAMERON');

create table Borrowings (

Borrow\_id int primary key,

user\_id int,

book\_id int,

Borrow\_date date not null,

return\_date date not null,

foreign key(user\_id) references users (user\_id) on delete cascade,

foreign key(book\_id) references books (book\_id) on delete cascade

);

insert into Borrowings values(200,10,100,'2007-03-12','2007-03-15');

insert into Borrowings values(201,11,101,'2004-02-11','2004-02-18');

insert into Borrowings values(202,12,102,'2002-08-10','2002-08-13');

select \* from publishers;

select \* from categories;

select \* from users;

select \* from books;

select \* from Borrowings;