CREATING AND IMPORTING OF DATA

create database project;

use project;

CREATE TABLE publisher (

publisher\_PublisherName varchar(50) not null,

publisher\_PublisherAddress text,

publisher\_PublisherPhone text,

primary key(publisher\_PublisherName));

CREATE TABLE books (

book\_BookID int primary key auto\_increment,

book\_Title text,

book\_PublisherName varchar(50),

foreign key(book\_PublisherName) references publisher(publisher\_PublisherName)

on update cascade

on delete cascade

);

CREATE TABLE authors (

book\_authors\_authorID int primary key auto\_increment,

book\_authors\_BookID int ,

book\_authors\_AuthorName varchar(30),

FOREIGN KEY(book\_authors\_BookID) references books(book\_BookID)

on update cascade

on delete cascade);

CREATE TABLE book\_copies (

book\_copies\_CopiesID int primary key auto\_increment,

book\_copies\_BookID int DEFAULT NULL,

book\_copies\_BranchID int DEFAULT NULL,

book\_copies\_No\_Of\_Copies int DEFAULT NULL,

foreign key(book\_copies\_BookID) references books(book\_BookID),

foreign key(book\_copies\_BranchID) references library\_branch(library\_branch\_BranchID)

on update cascade

on delete cascade

);

CREATE TABLE book\_loans (

book\_loans\_LoansID int primary key auto\_increment,

book\_loans\_BookID int DEFAULT NULL,

book\_loans\_BranchID int DEFAULT NULL,

book\_loans\_CardNo int DEFAULT NULL,

book\_loans\_DateOut text,

book\_loans\_DueDate text,

foreign key(book\_loans\_BookID) references books(book\_BookID),

foreign key(book\_loans\_BranchID) references library\_branch(library\_branch\_BranchID),

foreign key(book\_loans\_CardNo) references borrower(borrower\_CardNo)

on update cascade

on delete cascade);

CREATE TABLE borrower (

borrower\_CardNo int primary key auto\_increment,

borrower\_BorrowerName text,

borrower\_BorrowerAddress text,

borrower\_BorrowerPhone text

);

CREATE TABLE library\_branch (

library\_branch\_BranchID int primary key auto\_increment,

library\_branch\_BranchName text,

library\_branch\_BranchAddress text

);