CREATE TABLE MOVIE\_CATEGORY

(

Category\_Name VARCHAR(20) NOT NULL,

PRIMARY KEY (Category\_Name)

);

CREATE TABLE CINEMA\_MANAGER

(

SSN INT NOT NULL,

Age INT NOT NULL,

First\_Name VARCHAR(20) NOT NULL,

Last\_Name VARCHAR(20) NOT NULL,

PRIMARY KEY (SSN)

);

CREATE TABLE Customer

(

SSN INT NOT NULL,

Age INT NOT NULL,

First\_Name VARCHAR(30) NOT NULL,

Last\_Name VARCHAR(30) NOT NULL,

PRIMARY KEY (SSN)

);

CREATE TABLE MOVIE

(

Movie\_Name VARCHAR(20) NOT NULL,

Hero\_Name VARCHAR(20) NOT NULL,

Duration\_In\_Hours INT NOT NULL,

Category\_Name VARCHAR(20) NOT NULL,

PRIMARY KEY (Movie\_Name),

FOREIGN KEY (Category\_Name) REFERENCES MOVIE\_CATEGORY(Category\_Name)

);

CREATE TABLE CINEMA

(

Cinema\_Name VARCHAR(30) NOT NULL,

Location VARCHAR(30) NOT NULL,

SSN\_Manager INT NOT NULL,

PRIMARY KEY (Cinema\_Name),

FOREIGN KEY (SSN\_Manager) REFERENCES CINEMA\_MANAGER(SSN)

);

CREATE TABLE CUSTOMER\_SELECT\_MOVIES

(

Cinema\_Name VARCHAR(30) NOT NULL,

Date\_Day INT NOT NULL,

Date\_Month INT NOT NULL,

Time\_Hour INT NOT NULL,

Time\_Minute INT NOT NULL,

Number\_Of\_Tickets INT NOT NULL,

Venue\_Ticket INT NOT NULL,

Cancled VARCHAR(20) NOT NULL,

Movie\_Name VARCHAR(20) NOT NULL,

SSN\_Customer INT NOT NULL,

PRIMARY KEY (Movie\_Name, SSN\_Customer),

FOREIGN KEY (Movie\_Name) REFERENCES MOVIE(Movie\_Name),

FOREIGN KEY (SSN\_Customer) REFERENCES Customer(SSN)

);

CREATE TABLE CINEMA\_CONTAINS\_MOVIES

(

Number\_Of\_Shows INT NOT NULL,

Venue INT NOT NULL,

Movie\_Name VARCHAR(20) NOT NULL,

Cinema\_Name VARCHAR(30) NOT NULL,

PRIMARY KEY (Movie\_Name, Cinema\_Name),

FOREIGN KEY (Movie\_Name) REFERENCES MOVIE(Movie\_Name),

FOREIGN KEY (Cinema\_Name) REFERENCES CINEMA(Cinema\_Name)

);

CREATE TABLE SCREEN

(

Screen\_ID INT NOT NULL,

Cinema\_Name VARCHAR(30) NOT NULL,

PRIMARY KEY (Screen\_ID),

FOREIGN KEY (Cinema\_Name) REFERENCES CINEMA(Cinema\_Name)

);

CREATE TABLE SCREEN\_MOVIES

(

Number\_Of\_Seats INT NOT NULL,

Hour\_Time INT NOT NULL,

Minute\_Time INT NOT NULL,

Day\_Date VARCHAR(30) NOT NULL,

Month\_Date VARCHAR(30) NOT NULL,

Screen\_ID INT NOT NULL,

Movie\_Name VARCHAR(20) NOT NULL,

PRIMARY KEY (Screen\_ID, Movie\_Name),

FOREIGN KEY (Screen\_ID) REFERENCES SCREEN(Screen\_ID),

FOREIGN KEY (Movie\_Name) REFERENCES MOVIE(Movie\_Name)

);

CREATE TABLE SEAT

(

Seat\_Row\_Name VARCHAR(2) NOT NULL,

Seat\_Row\_Number INT NOT NULL,

Sealed VARCHAR(2) NOT NULL,

Seat\_ID INT NOT NULL,

Screen\_ID INT NOT NULL,

PRIMARY KEY (Seat\_ID),

FOREIGN KEY (Screen\_ID) REFERENCES SCREEN(Screen\_ID)

);

CREATE TABLE TICKET

(

Ticket\_ID INT NOT NULL,

Time\_Hour\_Book INT NOT NULL,

Time\_Minute\_Book INT NOT NULL,

Date\_Day\_Book INT NOT NULL,

Date\_Month\_Book INT NOT NULL,

SSN\_Customer INT NOT NULL,

Seat\_ID INT NOT NULL,

PRIMARY KEY (Ticket\_ID),

FOREIGN KEY (SSN\_Customer) REFERENCES Customer(SSN),

FOREIGN KEY (Seat\_ID) REFERENCES SEAT(Seat\_ID)

);