CREATE DATABASE IF NOT EXISTS MOVIE\_SOCIAL\_DISTANCE;

USE MOVIE\_SOCIAL\_DISTANCE;

#

# Table structure for table 'THEATRE'

#

DROP TABLE IF EXISTS THEATRE;

CREATE TABLE THEATRE (

Theatre\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

Theatre\_Name VARCHAR(100) NOT NULL,

Theatre\_Contact VARCHAR(15) NOT NULL,

Theatre\_Address VARCHAR(255) NOT NULL,

Theatre\_Pincode VARCHAR(6) NOT NULL,

CONSTRAINT Theatre\_UI1 UNIQUE(Theatre\_Contact)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE THEATRE AUTO\_INCREMENT = 500;

#

# Table structure for table 'EMPLOYEE'

#

DROP TABLE IF EXISTS EMPLOYEE;

CREATE TABLE EMPLOYEE (

EMP\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

EMP\_LastName VARCHAR(100) NOT NULL,

EMP\_FirstName VARCHAR(100) NOT NULL,

EMP\_Age INTEGER NOT NULL,

EMP\_Designation VARCHAR(50) NOT NULL,

EMP\_Email VARCHAR(100) NOT NULL,

EMP\_Contact VARCHAR(15) NOT NULL,

Theatre\_ID INTEGER,

CONSTRAINT Emp\_theatre\_FK FOREIGN KEY (Theatre\_ID) REFERENCES THEATRE (Theatre\_ID),

CONSTRAINT Employee\_UI1 UNIQUE(EMP\_Email,EMP\_Contact),

CONSTRAINT Employee\_age CHECK(EMP\_Age >= 18 AND EMP\_AGE <=60)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

#

# Table structure for table 'SCREEN'

#

DROP TABLE IF EXISTS SCREEN;

CREATE TABLE SCREEN (

SCREEN\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

SCREEN\_Name VARCHAR(50) NOT NULL,

Total\_Seats INTEGER NOT NULL,

Theatre\_ID INTEGER,

CONSTRAINT Screen\_theatre\_FK FOREIGN KEY (Theatre\_ID) REFERENCES THEATRE (Theatre\_ID)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE SCREEN AUTO\_INCREMENT = 1000;

#

# Table structure for table 'SEAT'

#

DROP TABLE IF EXISTS SEAT;

CREATE TABLE SEAT (

SEAT\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

ROW\_No CHAR(1) NOT NULL,

SEAT\_No INTEGER NOT NULL,

Is\_Available BOOL NOT NULL DEFAULT 1,

SEAT\_Price DECIMAL(5,2) NOT NULL,

SCREEN\_ID INTEGER,

CONSTRAINT Seat\_screen\_FK FOREIGN KEY (SCREEN\_ID) REFERENCES SCREEN (SCREEN\_ID)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE SEAT AUTO\_INCREMENT = 10000;

#

# Table structure for table 'MOVIE'

#

DROP TABLE IF EXISTS MOVIE;

CREATE TABLE MOVIE (

MOVIE\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

MOVIE\_Title VARCHAR(100) NOT NULL,

MOVIE\_Desc VARCHAR(400),

MOVIE\_Genre VARCHAR(50),

MOVIE\_Language VARCHAR(50),

MOVIE\_Duration TIME NOT NULL,

MOVIE\_Release DATE NOT NULL,

MOVIE\_Rating DECIMAL(4,2)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE MOVIE AUTO\_INCREMENT = 7000;

#

# Table structure for table 'Movie\_SHOW'

#

DROP TABLE IF EXISTS MOVIE\_SHOW;

CREATE TABLE MOVIE\_SHOW (

SHOW\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

SHOW\_Date DATE NOT NULL,

SHOW\_Starttime TIME NOT NULL,

SHOW\_Endtime TIME NOT NULL,

Is\_Sanitized BOOL NOT NULL DEFAULT 1,

SCREEN\_ID INTEGER,

MOVIE\_ID INTEGER,

CONSTRAINT Show\_Screen\_FK FOREIGN KEY (SCREEN\_ID) REFERENCES SCREEN (SCREEN\_ID),

CONSTRAINT Show\_Movie\_FK FOREIGN KEY (MOVIE\_ID) REFERENCES MOVIE (MOVIE\_ID)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE MOVIE\_SHOW AUTO\_INCREMENT = 50000;

#

# Table structure for table 'CUSTOMER'

#

DROP TABLE IF EXISTS CUSTOMER;

CREATE TABLE CUSTOMER (

CUST\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

CUST\_LastName VARCHAR(100) NOT NULL,

CUST\_FirstName VARCHAR(100) NOT NULL,

CUST\_Age INTEGER NOT NULL,

CUST\_Username VARCHAR(50) NOT NULL,

CUST\_Pwd VARCHAR(50) NOT NULL,

CUST\_Email VARCHAR(100) NOT NULL,

CUST\_Contact VARCHAR(15) NOT NULL,

CUST\_DOJ DATE,

CONSTRAINT Customer\_UI1 UNIQUE(CUST\_Username,CUST\_Email,CUST\_Contact),

CONSTRAINT Customer\_age CHECK(CUST\_Age >= 18)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE CUSTOMER AUTO\_INCREMENT = 200;

#

# Table structure for table 'BOOKING'

#

DROP TABLE IF EXISTS BOOKING;

CREATE TABLE BOOKING (

BOOKING\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

No\_Of\_Seats INTEGER NOT NULL,

BOOKING\_Status VARCHAR(10) NOT NULL,

BOOKING\_Price DECIMAL(8,2) NOT NULL,

BOOKING\_Time TIMESTAMP NOT NULL,

SHOW\_ID INTEGER,

CUST\_ID INTEGER,

CONSTRAINT Booking\_Show\_FK FOREIGN KEY (SHOW\_ID) REFERENCES MOVIE\_SHOW (SHOW\_ID),

CONSTRAINT Booking\_Customer\_FK FOREIGN KEY (CUST\_ID) REFERENCES CUSTOMER (CUST\_ID)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE BOOKING AUTO\_INCREMENT = 30000;

#

# Table structure for table 'SHOW\_SEAT'

#

DROP TABLE IF EXISTS SHOW\_SEAT;

CREATE TABLE SHOW\_SEAT (

SHOW\_SEAT\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT,

SHOW\_SEAT\_Status BOOL NOT NULL DEFAULT 1,

SEAT\_ID INTEGER,

SHOW\_ID INTEGER,

BOOKING\_ID INTEGER,

CONSTRAINT Showseat\_Seat\_FK FOREIGN KEY (SEAT\_ID) REFERENCES SEAT (SEAT\_ID),

CONSTRAINT Showseat\_Movieshow\_FK FOREIGN KEY (SHOW\_ID) REFERENCES MOVIE\_SHOW (SHOW\_ID),

CONSTRAINT Showseat\_Booking\_FK FOREIGN KEY (BOOKING\_ID) REFERENCES BOOKING (BOOKING\_ID)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE SHOW\_SEAT AUTO\_INCREMENT = 70000;

#

# Table structure for table 'PAYMENT'

#

DROP TABLE IF EXISTS PAYMENT;

CREATE TABLE PAYMENT (

PAYMENT\_ID INTEGER PRIMARY KEY,

PAYMENT\_Mode VARCHAR(15),

PAYMENT\_Sub\_Total DECIMAL(8,2) NOT NULL,

PAYMENT\_Status VARCHAR(10),

Total\_With\_Tax DECIMAL(8,2) NOT NULL,

PAYMENT\_Time TIMESTAMP,

Remote\_Trans\_ID VARCHAR(21),

BOOKING\_ID INTEGER,

CONSTRAINT Payment\_Booking\_FK FOREIGN KEY (BOOKING\_ID) REFERENCES BOOKING (BOOKING\_ID)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

SET autocommit=1;

ALTER TABLE PAYMENT AUTO\_INCREMENT = 50;