/\* To prevent any potential data loss issues, you should review this script in detail before running it outside the context of the database designer.\*/

BEGIN TRANSACTION

SET QUOTED\_IDENTIFIER ON

SET ARITHABORT ON

SET NUMERIC\_ROUNDABORT OFF

SET CONCAT\_NULL\_YIELDS\_NULL ON

SET ANSI\_NULLS ON

SET ANSI\_PADDING ON

SET ANSI\_WARNINGS ON

COMMIT

BEGIN TRANSACTION

GO

CREATE TABLE dbo.Movie

(

movie\_id int NOT NULL,

movie\_title varchar(50) NULL,

movie\_director varchar(50) NULL,

movie\_release\_year int NULL,

movie\_duration int NULL,

movie\_link\_to\_imdb varchar(50) NULL

) ON [PRIMARY]

GO

ALTER TABLE dbo.Movie ADD CONSTRAINT

PK\_Movie PRIMARY KEY CLUSTERED

(

movie\_id

) WITH( STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

GO

ALTER TABLE dbo.Movie SET (LOCK\_ESCALATION = TABLE)

GO

COMMIT

BEGIN TRANSACTION

GO

CREATE TABLE dbo.Cinemas

(

cinema\_id int NOT NULL,

cinema\_name varchar(50) NULL,

cinema\_street\_number int NULL,

cinema\_street\_name varchar(50) NULL,

cinema\_suburb varchar(50) NULL,

cinema\_city varchar(50) NULL,

cinema\_phone\_number int NULL,

cinema\_email varchar(50) NULL

) ON [PRIMARY]

GO

ALTER TABLE dbo.Cinemas ADD CONSTRAINT

PK\_Cinemas PRIMARY KEY CLUSTERED

(

cinema\_id

) WITH( STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

GO

ALTER TABLE dbo.Cinemas SET (LOCK\_ESCALATION = TABLE)

GO

COMMIT

BEGIN TRANSACTION

GO

CREATE TABLE dbo.Theater

(

theater\_id int NOT NULL,

cinema\_id int NULL,

theater\_name varchar(50) NULL,

theater\_seating\_capacity int NULL,

theater\_sound\_system varchar(50) NULL

) ON [PRIMARY]

GO

ALTER TABLE dbo.Theater ADD CONSTRAINT

PK\_Theater PRIMARY KEY CLUSTERED

(

theater\_id

) WITH( STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

GO

ALTER TABLE dbo.Theater ADD CONSTRAINT

FK\_Theater\_Cinemas FOREIGN KEY

(

cinema\_id

) REFERENCES dbo.Cinemas

(

cinema\_id

) ON UPDATE NO ACTION

ON DELETE NO ACTION

GO

ALTER TABLE dbo.Theater SET (LOCK\_ESCALATION = TABLE)

GO

COMMIT

BEGIN TRANSACTION

GO

CREATE TABLE dbo.Show

(

show\_id int NOT NULL,

show\_date\_and\_time datetime2(7) NULL,

movie\_id int NULL,

theater\_id int NULL,

show\_day varchar(50) NULL

) ON [PRIMARY]

GO

ALTER TABLE dbo.Show ADD CONSTRAINT

PK\_Show PRIMARY KEY CLUSTERED

(

show\_id

) WITH( STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

GO

ALTER TABLE dbo.Show ADD CONSTRAINT

FK\_Show\_Movie FOREIGN KEY

(

movie\_id

) REFERENCES dbo.Movie

(

movie\_id

) ON UPDATE NO ACTION

ON DELETE NO ACTION

GO

ALTER TABLE dbo.Show ADD CONSTRAINT

FK\_Show\_Theater FOREIGN KEY

(

theater\_id

) REFERENCES dbo.Theater

(

theater\_id

) ON UPDATE NO ACTION

ON DELETE NO ACTION

GO

ALTER TABLE dbo.Show SET (LOCK\_ESCALATION = TABLE)

GO

COMMIT

BEGIN TRANSACTION

GO

CREATE TABLE dbo.Seats

(

seats\_id int NOT NULL,

theater\_id int NULL,

seat\_booked varchar(50) NULL

) ON [PRIMARY]

GO

ALTER TABLE dbo.Seats ADD CONSTRAINT

PK\_Seats PRIMARY KEY CLUSTERED

(

seats\_id

) WITH( STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

GO

ALTER TABLE dbo.Seats ADD CONSTRAINT

FK\_Seats\_Theater FOREIGN KEY

(

theater\_id

) REFERENCES dbo.Theater

(

theater\_id

) ON UPDATE NO ACTION

ON DELETE NO ACTION

GO

ALTER TABLE dbo.Seats SET (LOCK\_ESCALATION = TABLE)

GO

COMMIT

BEGIN TRANSACTION

GO

CREATE TABLE dbo.Bookings

(

booking\_id int NOT NULL,

show\_id int NULL,

seat\_id int NULL,

show\_price money NULL

) ON [PRIMARY]

GO

ALTER TABLE dbo.Bookings ADD CONSTRAINT

PK\_Bookings PRIMARY KEY CLUSTERED

(

booking\_id

) WITH( STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

GO

ALTER TABLE dbo.Bookings ADD CONSTRAINT

FK\_Bookings\_Show FOREIGN KEY

(

show\_id

) REFERENCES dbo.Show

(

show\_id

) ON UPDATE NO ACTION

ON DELETE NO ACTION

GO

ALTER TABLE dbo.Bookings ADD CONSTRAINT

FK\_Bookings\_Seats FOREIGN KEY

(

seat\_id

) REFERENCES dbo.Seats

(

seats\_id

) ON UPDATE NO ACTION

ON DELETE NO ACTION

GO

ALTER TABLE dbo.Bookings SET (LOCK\_ESCALATION = TABLE)

GO

COMMIT