**פתרון תרגילים מחוברת תרגילים**

**פרק 18 - Table Constraints using Northwind**

1.

ALTER TABLE [dbo].[Orders] WITH NOCHECK

ADD CONSTRAINT un\_order\_date UNIQUE (CustomerID,OrderDate)

2.

ALTER TABLE [dbo].[Orders] WITH NOCHECK

ADD CONSTRAINT chk\_freight\_zero\_positive CHECK ([Freight] >= 0)

3.

ALTER TABLE [dbo].[Orders] WITH NOCHECK

ADD CONSTRAINT chk\_order\_dates CHECK (datediff(dd,[OrderDate],[RequiredDate]) > 0)

4.

CREATE TABLE Doors(

DoorID [int] IDENTITY (1,1) NOT NULL PRIMARY KEY,

DoorDescription nvarchar(100) NOT NULL

) ON [PRIMARY]

CREATE TABLE Entries(

EmpID [int] NOT NULL FOREIGN KEY REFERENCES Employees (EmployeeID),

TimeIn [datetime2] NOT NULL DEFAULT getdate(),

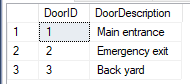
DoorID [int] NOT NULL FOREIGN KEY REFERENCES Doors (DoorID)

) ON [PRIMARY]

insert into Doors values ('Main entrance');

insert into Doors values ('Emergency exit');

insert into Doors values ('Back yard');



insert into Entries values (1,getdate(),1) --Correct

insert into Entries values (2,getdate(),1) --Correct

insert into Entries values (9,getdate(),1) --Correct

insert into Entries values (20,getdate(),1) --Not Correct - there is no employee with ID = 20

insert into Entries values (1,getdate(),4) --Not Correct - there is no door with ID =4

