CREATE SCHEMA pr2;

GO

CREATE TABLE pr2.TeachingAssignment (

EmployeeID INTEGER NOT NULL REFERENCES pr2.EmployeeInfo(EmployeeID)

, [CourseScheduleID] INTEGER NOT NULL REFERENCES pr2.CourseSchedule(CourseScheduleID)

, PRIMARY KEY (EmployeeID,CourseScheduleID)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'pr2.DayOfWeek') AND type in

(N'U'))

DROP TABLE pr2.DayOfWeek

GO

CREATE TABLE pr2.DayOfWeek (

DayOfWeekID INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, Text VARCHAR(10) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[BenefitSelection]') AND

type in (N'U'))

DROP TABLE pr2.BenefitSelection

GO

CREATE TABLE pr2.BenefitSelection (

BenefitSelectionID INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, BenefitSelection VARCHAR(10) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[CourseEnrollment]') AND

type in (N'U'))

DROP TABLE pr2.CourseEnrollment

GO

CREATE TABLE pr2.CourseEnrollment (

EnrollmentID INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, CourseID INTEGER NOT NULL REFERENCES pr2.CourseSchedule(CourseScheduleID)

, StudentID INTEGER NOT NULL REFERENCES pr2.StudentInfo(StudentID)

, StatusID INTEGER NOT NULL REFERENCES pr2.StudentGradingStatus(StudentStatusID)

, GradeID INTEGER REFERENCES pr2.Grades(GradeID)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'pr2.Grades') AND type in

(N'U'))

DROP TABLE pr2.Grades

GO

CREATE TABLE pr2.Grades (

GradeID INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, Grade VARCHAR(3) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[CourseSchedule]') AND

type in (N'U'))

DROP TABLE [pr2].[CourseSchedule]

GO

CREATE TABLE [pr2].[CourseSchedule] (

[CourseScheduleID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [CourseCode] VARCHAR(20) NOT NULL

, [SemesterID] INTEGER NOT NULL REFERENCES pr2.SemesterInfo(SemesterID)

, [NumberOfSeats] INTEGER NOT NULL

, [CourseNumber] INTEGER NOT NULL

, [Location] INTEGER REFERENCES pr2.Classroom(ClassroomID)

, CONSTRAINT Seatchk CHECK (NumberOfSeats>=0.00),

FOREIGN KEY (CourseCode,CourseNumber) REFERENCES pr2.CourseCatalogue(CourseCode, CourseNumber)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[StudentGradingStatus]') AND

type in (N'U'))

DROP TABLE [pr2].[StudentGradingStatus]

GO

CREATE TABLE [pr2].[StudentGradingStatus] (

[StudentStatusID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [StudentStatus] VARCHAR(10) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[SemesterInfo]') AND type

in (N'U'))

DROP TABLE [pr2].[SemesterInfo]

GO

CREATE TABLE [pr2].[SemesterInfo] (

[SemesterID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [Semester] INTEGER NOT NULL REFERENCES pr2.SemesterText(SemesterTextID)

, [Year] CHAR(4) NOT NULL

, [FirstDay] DATE NOT NULL

, [LastDay] DATE NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[StudentInfo]') AND type in

(N'U'))

DROP TABLE [pr2].[StudentInfo]

GO

CREATE TABLE [pr2].[StudentInfo] (

[StudentId] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [PersonID] integer NOT NULL REFERENCES pr2.People(PersonID),

[StudentStatusId] INTEGER REFERENCES pr2.StudentStatus(StudentStatusID)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[Prerequisites]') AND type

in (N'U'))

DROP TABLE [pr2].[Prerequisites]

GO

CREATE TABLE [pr2].[Prerequisites] (

[ParentCode] VARCHAR(20) NOT NULL

, [ParentNumber] INTEGER NOT NULL

, [ChildCode] VARCHAR(20) NOT NULL

, [ChildNumber] INTEGER NOT NULL ,

PRIMARY KEY (ParentCode,ParentNumber,ChildCode,ChildNumber),

FOREIGN KEY (ParentCode, ParentNumber) REFERENCES pr2.CourseCatalogue(CourseCode, CourseNumber),

FOREIGN KEY (ChildCode,ChildNumber) REFERENCES pr2.CourseCatalogue(CourseCode, CourseNumber)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[CourseCatalogue]') AND type in

(N'U'))

DROP TABLE [pr2].[CourseCatalogue]

GO

CREATE TABLE [pr2].[CourseCatalogue] (

[CourseCode] VARCHAR(20) NOT NULL

, [CourseNumber] INTEGER NOT NULL

, [CourseTitle] VARCHAR(100) NOT NULL

, [CourseDescription] VARCHAR(1000),

PRIMARY KEY (CourseCode,CourseNumber)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[College]') AND type

in (N'U'))

DROP TABLE [pr2].[College]

GO

CREATE TABLE [pr2].[College] (

[CollegeID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [CollegeName] VARCHAR(50) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[StudentAreaOfStudy]') AND

type in (N'U'))

DROP TABLE [pr2].[StudentAreaOfStudy]

GO

CREATE TABLE [pr2].[StudentAreaOfStudy] (

[AreaOfStudyID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [StudentID] INTEGER NOT NULL REFERENCES pr2.StudentInfo(StudentID)

, [AreaID] INTEGER NOT NULL REFERENCES pr2.AreaOfStudy(AreaOfStudyID)

, [IsMajor] BIT NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[StudentStatus]') AND type

in (N'U'))

DROP TABLE [pr2].[StudentStatus]

GO

CREATE TABLE [pr2].[StudentStatus] (

[StudentStatusID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [StudentStatus] VARCHAR(20) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[Buildings]') AND type in

(N'U'))

DROP TABLE [pr2].[Buildings]

GO

CREATE TABLE [pr2].[Buildings] (

[BuildingId] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [BuildingName] VARCHAR(50) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[ProjectorInfo]') AND type in

(N'U'))

DROP TABLE [pr2].[ProjectorInfo]

GO

CREATE TABLE [pr2].[ProjectorInfo] (

[ProjectorID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [ProjectorText] VARCHAR(50) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[Classroom]') AND type

in (N'U'))

DROP TABLE [pr2].[Classroom]

GO

CREATE TABLE [pr2].[Classroom] (

[ClassroomID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [Building] INTEGER NOT NULL REFERENCES pr2.Buildings(BuildingID)

, [RoomNumber] VARCHAR(5) NOT NULL

, [MaximumSeating] INTEGER NOT NULL

, [ProjectorID] INTEGER NOT NULL REFERENCES pr2.ProjectorInfo(ProjectorID)

, [WhiteBoardCount] INTEGER NOT NULL DEFAULT 0

, [OtherAV] VARCHAR(200)

, CONSTRAINT Seating CHECK (MaximumSeating>=0)

, CONSTRAINT BoardCount CHECK (WhiteBoardCount>=0)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[JobInformation]') AND

type in (N'U'))

DROP TABLE [pr2].[JobInformation]

GO

CREATE TABLE [pr2].[JobInformation] (

[JobID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [JobDescription] VARCHAR(200) NOT NULL

, [JobRequirements] VARCHAR(1000)

, [MinimumPay] DECIMAL(8,2) NOT NULL DEFAULT 0.00

, [MaximumPay] DECIMAL(8,2) NOT NULL

, [UnionJob] BIT

, CONSTRAINT Paychk1 CHECK (MinimumPay>=0.00)

, CONSTRAINT Paychk2 CHECK (MaximumPay>=0.00)

, CONSTRAINT Paychk5 CHECK (MinimumPay<MaximumPay)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'pr2.EmployeeInfo') AND type in

(N'U'))

DROP TABLE pr2.EmployeeInfo

GO

CREATE TABLE pr2.EmployeeInfo

(

EmployeeID INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, PersonID INTEGER NOT NULL REFERENCES pr2.People(PersonID)

, IsActive BIT NOT NULL

, YearlyPay DECIMAL(8,2) NOT NULL

, HealthBenefitsNum INTEGER NOT NULL REFERENCES pr2.Benefits(BenefitID)

, VisionBenefitsNum INTEGER NOT NULL REFERENCES pr2.Benefits(BenefitID)

, DentalBenefitsNum INTEGER NOT NULL REFERENCES pr2.Benefits(BenefitID)

, JobInformation integer NOT NULL REFERENCES pr2.JobInformation(JobID)

, CONSTRAINT Paychk3 CHECK (YearlyPay>=0.00)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'pr2.Benefits') AND

type in (N'U'))

DROP TABLE [pr2].[Benefits]

GO

CREATE TABLE [pr2].[Benefits] (

[BenefitID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [BenefitCost] DECIMAL(8,2) NOT NULL

, [BenefitSelection] INTEGER NOT NULL REFERENCES pr2.BenefitSelection(BenefitSelectionID)

, [BenifitDescription] VARCHAR(100)

, CONSTRAINT Costchk1 CHECK (BenefitCost>=0.00)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[Addresses]') AND

type in (N'U'))

DROP TABLE [pr2].[Addresses]

GO

CREATE TABLE [pr2].[Addresses] (

[AddressID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [Street1] VARCHAR(200) NOT NULL

, [Street2] VARCHAR(200)

, [City] VARCHAR(100) NOT NULL

, [State] CHAR(2) NOT NULL

, [ZIP] CHAR(5) NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[People]') AND type in

(N'U'))

DROP TABLE [pr2].[People]

GO

CREATE TABLE [pr2].[People] (

[PersonID] integer NOT NULL PRIMARY KEY IDENTITY(1,1)

, [NTID] VARCHAR(10) NOT NULL

, [FirstName] VARCHAR(50) NOT NULL

, [LastName] VARCHAR(50) NOT NULL

, [Password] VARCHAR(200)

, [DOB] DATE NOT NULL

, [SSN] CHAR(9) NULL

, [HomeAddress] INTEGER NOT NULL REFERENCES pr2.Addresses(AddressID)

, [LocalAddress] INTEGER REFERENCES pr2.Addresses(AddressID)

, [IsActive] BIT NOT NULL

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[AreaOfStudy]')

AND type in (N'U'))

DROP TABLE [pr2].[AreaOfStudy]

GO

CREATE TABLE [pr2].[AreaOfStudy] (

[AreaOfStudyID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [StudyTitle] varchar(20) NOT NULL

, [CollegeID] INTEGER NOT NULL REFERENCES pr2.College(CollegeID)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[CourseDailySchedule]')

AND type in (N'U'))

DROP TABLE [pr2].[CourseDailySchedule]

GO

CREATE TABLE [pr2].[CourseDailySchedule] (

[CourseScheduleId] INTEGER NOT NULL

, [CourseID] INTEGER NOT NULL REFERENCES pr2.CourseSchedule(CourseScheduleID)

, [DayOfWeek] INTEGER NOT NULL REFERENCES pr2.DayOfWeek(DayOfWeekID)

, [StartTime] TIME NOT NULL

, [EndTime] TIME NOT NULL

, [DailyId] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

)

GO

GO

IF EXISTS (SELECT \* FROM sys.objects WHERE object\_id = OBJECT\_ID(N'[pr2].[SemesterText]') AND type in

(N'U'))

DROP TABLE [pr2].[SemesterText]

GO

CREATE TABLE [pr2].[SemesterText] (

[SemesterTextID] INTEGER NOT NULL PRIMARY KEY IDENTITY(1,1)

, [SemesterText] VARCHAR(20) NOT NULL

)

GO

GO

Drop table pr2.BenefitsSelection;

select \* from pr2.StudenrGradingStatus;

insert

INSERT INTO Pr2.Grades(Grade)

VALUES

('A'),

('A-'),

('B+'),

('B'),

('B-'),

('C+'),

('C'),

('D'),

('E'),

('F');

select \* from PR2.courseDAILYSCHEDULE;

INSERT INTO Pr2.Buildings(BuildingName)

VALUES

('SIGMA Building'),

('ALPHA Building'),

('BETA Building'),

('GAMMA Building'),

('DELTA Building'),

('THETA Building'),

('PI Building');

INSERT INTO Pr2.StudentStatus(StudentStatus)

VALUES

('Undergraduate'),

('Federal Graduate'),

('NonFederal Graduate'),

('Graduated'),

('Non Matriculated');

INSERT INTO Pr2.College(CollegeName)

VALUES

('Arizona College of Engineering'),

('Massachusetts Inst of Technology'),

('University of California-Berkeley'),

('Syracuse College of Engineering'),

('University of California-San Diego'),

('University of Southern California'),

('WASHINGTON School of Information Studies'),

('Northwestern University');

INSERT INTO Pr2.Addresses(Street1, Street2, City, State, Zip)

VALUES

('437', 'Columbus Avenue Apt-6', 'Syracuse', 'NY', 13210),

('527', 'Wescott', 'Syracuse', 'NY', 13210),

('312', 'Lanchester Avenue', 'Syracuse', 'NY', 13210),

('989', 'South Campus', 'Syracuse', 'NY', 13210),

('110', 'Downtown', 'Syracuse', 'NY', 13210),

('109', 'Euclid Avenue', 'Syracuse', 'NY', 13210),

('210', 'Baratheon Avenue', 'DALLAS', 'TX', 75201),

('201', 'Westcott Street', 'Syracuse', 'NY', 13210),

('171', 'columbus Avenue Apt-7', 'Syracuse', 'NY', 13210);

INSERT INTO Pr2.BenefitSelection(BenefitSelection)

VALUES

('Induvidual'),

('Family'),

('Employer'),

('HMO'),

('Short Term'),

('ObamaCare');

INSERT INTO Pr2.DayOfWeek(Text)

VALUES

('Sunday'),

('Monday'),

('Tuesday'),

('Wednesday'),

('Thursday'),

('Friday'),

('Saturday');

INSERT INTO Pr2.SemesterText(SemesterText)

VALUES

('Fall'),

('Spring'),

('Summer'),

('Winter');

INSERT INTO Pr2.JobInformation (JobDescription, JobRequirements, MinimumPay, MaximumPay,UnionJob)

VALUES

('Assistant Professor', NULL, 50000, 200000, 1),

('Senior Professor', NULL, 100000, 400000, 0),

('Office Instructor', NULL, 10000, 200000, 1),

('Dean', NULL, 300000, 900000, 0),

('Administrator', NULL, 75000, 250000, 1),

('Teaching Assistant', NULL, 90000, 100000, 1),

('Hostel Warden', NULL, 50000, 150000, 1);

SET IDENTITY\_INSERT pr2.people ON

INSERT INTO Pr2.People(PersonID, NTID, FirstName, LastName, Password, DOB, SSN, HomeAddress,LocalAddress, IsActive)

VALUES

('528789524', 'Kbanger', 'Karthik', 'Bangera', 'happy@125', '1990-09-13', NULL, 1,8,1),

('672854896', 'Stendu', 'Sachin', 'Tendulkar', NULL, '1998-09-4', '867567843',2,7,1),

('236584366', 'Ysingh', 'Yuvraj', 'Singh', NULL, '1995-9-1', NULL,9,NULL,0),

('982546678', 'Rdravid', 'Rahul', 'Dravid', 'GoliHodi', '1992-01-19', '454534897',8,NULL,1),

('452727892', 'Kpeters', 'Kevin', 'Peterson', NULL, '1998-02-26','234575345',6,7,1),

('928789255', 'Pphanth', 'Pink ', 'Phanther', 'L0pEr007', '1997-0811','989877679',4,7,1),

('526745533', 'Scold', 'Stone', 'Cold', 'Dashu00\*','1996-09-18','415152678',1,6,0),

('245386598', 'Ahathw', 'Anny ', 'Hathway', 'ChotaBheem', '1994-09-21',NULL,6,NULL,0),

('562784256', 'Jcutler', 'Jay', 'Cutler', NULL, '1995-03-15','786734721',5,6,1),

('812653629', 'Ynaveen', 'Yash', 'Naveen', 'Jackie!@', '1994-08-20', '100531336',8,4,1),

('787825614', 'Ureddy', 'Umesh', 'Reddy', 'santa019', '1996-09-13', NULL, 5,8,0),

('787825189', 'Hvenkat', 'Hucha', 'Venkat', 'ramya69', '1990-05-13', '156425876', 5,4,1),

('787876245', 'Ajames', 'Andrew', 'James', 'Money$01', '1996-05-24', '526742561', 2,1,1);

INSERT INTO Pr2.SemesterInfo(Semester, Year, FirstDay, LastDay)

VALUES

(1, 2015, '2015-08-22', '2015-12-16'),

(2, 2015, '2015-01-18', '2015-06-15'),

(3, 2016, '2016-08-21', '2016-12-20'),

(4, 2016, '2016-01-18', '2016-06-15'),

(1, 2016, '2016-08-22', '2016-12-16'),

(2, 2016, '2016-01-18', '2016-06-15'),

(3, 2015, '2015-08-21', '2016-01-20'),

(4, 2015, '2015-01-18', '2015-06-15');

INSERT INTO Pr2.CourseDailySchedule(CourseID, DayOfWeek, StartTime, EndTime)

VALUES

(11, 2, '01:15:00', '03:15:00'),

(10, 4, '02:45:00', '04:45:00'),

(9, 6, '04:35:00', '05:30:00'),

(8, 3, '12:00:00', '01:00:00'),

(5, 5, '06:15:00', '07:00:00'),

(6, 2, '02:20:00', '03:30:00'),

(7, 4, '01:35:00', '03:00:00');

INSERT INTO Pr2.CourseSchedule(CourseCode,SemesterID,NumberOfSeats,CourseNumber,Location)

VALUES

('DBMS',2,36,551,1),

('ECE',3,29,801,2),

('SMA',6,57,681,3),

('MCE',5,69,689,4),

('ADS',3,26,674,5),

('ACE',4,100,877,6),

('SE',3,60,684,7),

('IST',3,50,678,4);

INSERT INTO Pr2.ProjectorInfo(ProjectorText)

VALUES

('Laser Projector'),

('3D Projector'),

('LCD Projector'),

('DLP Projector'),

('LED Projector'),

('Smart-Board');

INSERT INTO pr2.Classroom

(Building, RoomNumber,MaximumSeating,ProjectorID,WhiteBoardCount,OtherAV)

VALUES

(7,'201',100,1,2,NULL),

(3,'211',80,3,3,NULL),

(6,'300',40,4,2,NULL),

(2,'388',50,2,3,NULL),

(1,'115',300,5,3,NULL),

(4,'213',50,6,1,NULL),

(5,'123',60,3,1,NULL);

INSERT INTO Pr2.CourseCatalogue(CourseCode, CourseNumber, CourseTitle, CourseDescription)

VALUES

('SMA', 681, 'Software Modelling Analysis','Core Subject'),

('SE', 684,'Software Engineering', NULL),

('DBMS',551, 'Database Management System', NULL),

('ECE',801, 'Embedded System', 'Introduction'),

('IST',678, 'Project Management', 'Introduction'),

('ADS',674, 'Advanced Data Structures', 'Core Subject'),

('MCE', 689, 'Mechanical Analogy', 'Core Subject'),

('ACE',877, 'Analog Electronics', 'Advanced');

INSERT INTO Pr2.StudentInfo(PersonID, StudentStatusID)

VALUES

('452727892',8),

('812653629',9),

('236584366',10),

('982546678',11),

('562784256',12),

('526745533',8),

('245386598',NULL);

INSERT INTO Pr2.AreaOfStudy(StudyTitle,CollegeID)

VALUES

('Computer Science', 2),

('Computer Engineering', 8),

('Chemical Engineering', 7),

('Mechanic Engineering', 2),

('Civil Engineering', 1),

('Information School', 4),

('Adevertising', 5),

('Law School', 6),

('Physical STUDIES', 3),

('Medical Engineering', 6);

INSERT INTO Pr2.StudentAreaOfStudy(StudentID, AreaID, IsMajor)

VALUES

(1,12,1),

(7,13,0),

(2,14,1),

(6,15,0),

(5,16,0),

(3,17,1),

(4,18,0),

(3,19,1),

(7,20,1),

(6,21,0);

INSERT INTO Pr2.Benefits(BenefitCost, BenefitSelection, BenefitDescription)

VALUES

(2000,5, NULL),

(1500,6, 'No Dental Checkups'),

(3000, 7, 'No Ear Checkups'),

(4300,8, NULL),

(1200,9, 'Eye care is not covered'),

(1800, 10, Null);

INSERT INTO

Pr2.EmployeeInfo(PersonID, YearlyPay, HealthBenefits, VisionBenefits, DentalBenefits,JobInformation)

VALUES

('928789255',100000,1,2,3,1),

('787825614',90000,2,3,1,5),

('528789524',78000,3,2,6,7),

('787825189',56000, 5,2,4,3),

('672854896',200000,2,3,5,4),

('787876245',80000,3,2,5,2);

INSERT INTO

Pr2.StudentGradingStatus(StudentStatus)

VALUES

('Graded'),

('Ungraded'),

('Withheld');

INSERT INTO

Pr2.CourseEnrollment(CourseID, StudentID, StatusID, GradeID)

VALUES

(7,2,1,4),

(6,3,2,3),

(8,1,3,7),

(11,5,2,2),

(10,6,1,1),

(7,4,1,3),

(5,7,2,5);

INSERT INTO

Pr2.Prerequisites(ParentCode, ParentNumber, ChildCode, ChildNumber)

VALUES

('ACE', 877,'SE',684),

('MCE', 689,'DBMS',551),

('SMA', 681,'IST',678),

('ECE', 801,'SMA',681),

('ECE', 801,'ADS',674),

('ACE', 877,'IST',678);

INSERT INTO

Pr2.TeachingAssignment(EmployeeID, CourseScheduleID)

VALUES

(1,12),

(3,9),

(5,5),

(2,8),

(4,10),

(6,7);

View

CREATE VIEW [pr2].[DetailsOfEnrolledStudents] (StudentID,FirstName,LastName,Grade) AS

SELECT s.StudentID, p.FirstName, p.LastName, g.Grade

FROM pr2.StudentInfo s INNER JOIN pr2.CourseEnrollment e

ON s.StudentId=e.StudentId

INNER JOIN pr2.People p

ON p.PersonID=s.PersonID

INNER JOIN pr2.Grades g

ON g.GradeID=e.GradeID;

CREATE VIEW Pr2.DetailsOfFaculty (FacultyFirstName, FacultyLastName,CourseTitle, JobDescription,AnnualPay) AS

SELECT p.FirstName,p.LastName,ci.CourseTitle,j.JobDescription,e.YearlyPay

FROM Pr2.CourseSchedule cs INNER JOIN pr2.CourseCatalogue ci

ON cs.CourseCode=ci.CourseCode

INNER JOIN Pr2.TeachingAssignment t

ON t.CourseScheduleID=cs.CourseScheduleID

INNER JOIN Pr2.EmployeeInfo e

ON t.EmployeeID=e.EmployeeID

INNER JOIN Pr2.PEOPLE p

ON e.PersonID=p.PersonID

INNER JOIN Pr2.JobInformation j

ON j.JobID=e.JobInformation;

CREATE VIEW pr2.DetailsOfCourseSchedule (CourseTitle, Semester, Year, FirstDay,LastDay, Text, StartTime, EndTime) AS

SELECT cc.CourseTitle, s.SemesterText, si.Year, si.FirstDay, si.LastDay, d.Text,

cds.StartTime, cds.EndTime

FROM Pr2.CourseSchedule cs INNER JOIN pr2.CourseCatalogue cc

ON cs.CourseCode=cc.CourseCode

INNER JOIN Pr2.SemesterInfo si

ON cs.SemesterID=si.SemesterID

INNER JOIN Pr2.SemesterText s

ON s.SemesterTextID=si.Semester

INNER JOIN Pr2.CourseDailySchedule cds

ON cds.CourseID=cs.CourseScheduleID

INNER JOIN Pr2.DayOfWeek d

ON d.DayOfWeekID=cds.DayOfWeek;

CREATE VIEW pr2.StudentSpecializationDetails (StudentFirstName, StudentLastName,

StudyTitle, College, StudentStatus) AS

SELECT p.FirstName, p.LastName, sz.StudyTitle, ci.CollegeName, sf.StudentStatus

FROM pr2.StudentInfo s INNER JOIN pr2.People p

ON s.PersonID=p.PersonID

INNER JOIN pr2.StudentAreaOfStudy ss

ON ss.StudentID=s.StudentID

INNER JOIN pr2.AreaOfStudy sz

ON sz.AreaOfStudyID=ss.AreaID

INNER JOIN pr2.College ci

ON ci.CollegeID=sz.CollegeID

INNER JOIN pr2.StudentStatus sf

ON sf.StudentStatusID=s.StudentStatusID;

Functions

CREATE FUNCTION pr2.GetSeatingInfo(@ClassroomID as INT)

RETURNS INTEGER AS

BEGIN

DECLARE @MaximumSeating AS INTEGER

SELECT @MaximumSeating = (SELECT MaximumSeating FROM Classroom

WHERE ClassroomID=@ClassroomID )

RETURN @MaximumSeating

END

select pr2.GetSeatingInfo(5) as MaximumSeating;