/\* Nombre: Naidely D. Amador Lara Matricula:21-MIIT-1-035 Sección:0541\*/

USE [master]

GO

/\*\*\*\*\*\* Object: Database [UniversidadO&M] Script Date: 12/12/2022 21:18:25 \*\*\*\*\*\*/

CREATE DATABASE [UniversidadO&M]

USE [UniversidadO&M]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Calificaciones] Script Date: 12/12/2022 21:18:25 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Calificaciones](

[CalificacionId] [int] NOT NULL,

[MateriaId] [int] NULL,

[EstudianteId] [int] NULL,

[ProfesorId] [int] NULL,

[Calificacion1] [float] NULL,

[Calificacion2] [float] NULL,

[Calificacion3] [float] NULL,

[Calificacion4] [float] NULL,

[Promedio] [float] NULL,

[ExamenFinal] [float] NULL,

[CalificacionFinal] [int] NULL,

CONSTRAINT [PK\_Calificaciones] PRIMARY KEY CLUSTERED

(

[CalificacionId] ASC

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

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Cursos] Script Date: 12/12/2022 21:18:26 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Cursos](

[Cursosid] [int] NOT NULL,

[Nombre] [varchar](50) NULL,

[Horario] [varchar](20) NULL,

CONSTRAINT [PK\_Cursos] PRIMARY KEY CLUSTERED

(

[Cursosid] ASC

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

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Estudiante] Script Date: 12/12/2022 21:18:26 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Estudiante](

[EstudianteId] [int] NOT NULL,

[Nombre] [varchar](60) NULL,

[Matricula] [varchar](15) NULL,

[Cursoid] [int] NULL,

[FechaNacimiento] [datetime] NULL,

[Sexo] [char](1) NULL,

[Dirección] [varchar](250) NULL,

CONSTRAINT [PK\_Estudiante] PRIMARY KEY CLUSTERED

(

[EstudianteId] ASC

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

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Materia] Script Date: 12/12/2022 21:18:26 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Materia](

[Materiaid] [int] NOT NULL,

[Nombre] [varchar](50) NULL,

[Cursoid] [int] NULL,

[Profesorid] [int] NULL,

CONSTRAINT [PK\_Materia] PRIMARY KEY CLUSTERED

(

[Materiaid] ASC

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

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Profesores] Script Date: 12/12/2022 21:18:26 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Profesores](

[ProfesorId] [int] NOT NULL,

[Nombre] [varchar](60) NULL,

[Dirección] [varchar](250) NULL,

[Sexo] [char](1) NULL,

[Telefono] [varchar](13) NULL,

[Email] [varchar](50) NULL,

CONSTRAINT [PK\_Profesores] PRIMARY KEY CLUSTERED

(

[ProfesorId] ASC

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

) ON [PRIMARY]

GO

INSERT [dbo].[Cursos] ([Cursosid], [Nombre], [Horario]) VALUES (1, N'Primero ', N'Mañana')

INSERT [dbo].[Cursos] ([Cursosid], [Nombre], [Horario]) VALUES (2, N'Segundo', N'Mañana')

INSERT [dbo].[Cursos] ([Cursosid], [Nombre], [Horario]) VALUES (3, N'Tercero', N'Tarde')

GO

INSERT [dbo].[Materia] ([Materiaid], [Nombre], [Cursoid], [Profesorid]) VALUES (1, N'Matematica', 1, 1)

INSERT [dbo].[Materia] ([Materiaid], [Nombre], [Cursoid], [Profesorid]) VALUES (2, N'Base de Datos', 1, 1)

GO

INSERT [dbo].[Profesores] ([ProfesorId], [Nombre], [Dirección], [Sexo], [Telefono], [Email]) VALUES (1, N'Starling', N'Calle', N'M', N'8492077714', N'sgermosen@praysoft.net')

GO

ALTER TABLE [dbo].[Calificaciones] WITH CHECK ADD CONSTRAINT [FK\_Calificaciones\_Estudiante] FOREIGN KEY([EstudianteId])

REFERENCES [dbo].[Estudiante] ([EstudianteId])

GO

ALTER TABLE [dbo].[Calificaciones] CHECK CONSTRAINT [FK\_Calificaciones\_Estudiante]

GO

ALTER TABLE [dbo].[Calificaciones] WITH CHECK ADD CONSTRAINT [FK\_Calificaciones\_Materia] FOREIGN KEY([MateriaId])

REFERENCES [dbo].[Materia] ([Materiaid])

GO

ALTER TABLE [dbo].[Calificaciones] CHECK CONSTRAINT [FK\_Calificaciones\_Materia]

GO

ALTER TABLE [dbo].[Estudiante] WITH CHECK ADD CONSTRAINT [FK\_Estudiante\_Cursos] FOREIGN KEY([Cursoid])

REFERENCES [dbo].[Cursos] ([Cursosid])

GO

ALTER TABLE [dbo].[Estudiante] CHECK CONSTRAINT [FK\_Estudiante\_Cursos]

GO

ALTER TABLE [dbo].[Materia] WITH CHECK ADD CONSTRAINT [FK\_Materia\_Cursos] FOREIGN KEY([Cursoid])

REFERENCES [dbo].[Cursos] ([Cursosid])

GO

ALTER TABLE [dbo].[Materia] CHECK CONSTRAINT [FK\_Materia\_Cursos]

GO

ALTER TABLE [dbo].[Materia] WITH CHECK ADD CONSTRAINT [FK\_Materia\_Profesores] FOREIGN KEY([Profesorid])

REFERENCES [dbo].[Profesores] ([ProfesorId])

GO

ALTER TABLE [dbo].[Materia] CHECK CONSTRAINT [FK\_Materia\_Profesores]

GO

USE [master]

GO

ALTER DATABASE [UniversidadO&M] SET READ\_WRITE

GO