```sql
USE [master]
GO
/****** Object:  Database [SchoolDB]    Script Date: 22.05.2022 19:45:37 ******/
CREATE DATABASE [SchoolDB]
 CONTAINMENT = NONE
 ON  PRIMARY
( NAME = N'SchoolDB', FILENAME = N'C:\Users\PC\SchoolDB.mdf' , SIZE = 8192KB , MAXSIZE
= UNLIMITED, FILEGROWTH = 65536KB )
 LOG ON
( NAME = N'SchoolDB_log', FILENAME = N'C:\Users\PC\SchoolDB_log.ldf' , SIZE = 8192KB ,
MAXSIZE = 2048GB , FILEGROWTH = 65536KB )
GO
ALTER DATABASE [SchoolDB] SET COMPATIBILITY_LEVEL = 130
GO
IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
begin
EXEC [SchoolDB].[dbo].[sp_fulltext_database] @action = 'enable'
end
GO
ALTER DATABASE [SchoolDB] SET ANSI_NULL_DEFAULT OFF
GO
ALTER DATABASE [SchoolDB] SET ANSI_NULLS OFF
GO
ALTER DATABASE [SchoolDB] SET ANSI_PADDING OFF
GO
ALTER DATABASE [SchoolDB] SET ANSI_WARNINGS OFF
GO
ALTER DATABASE [SchoolDB] SET ARITHABORT OFF
GO
ALTER DATABASE [SchoolDB] SET AUTO_CLOSE ON
GO
ALTER DATABASE [SchoolDB] SET AUTO_SHRINK OFF
GO
ALTER DATABASE [SchoolDB] SET AUTO_UPDATE_STATISTICS ON
GO
ALTER DATABASE [SchoolDB] SET CURSOR_CLOSE_ON_COMMIT OFF
GO
ALTER DATABASE [SchoolDB] SET CURSOR_DEFAULT  GLOBAL
GO
ALTER DATABASE [SchoolDB] SET CONCAT_NULL_YIELDS_NULL OFF
GO
ALTER DATABASE [SchoolDB] SET NUMERIC_ROUNDABORT OFF
GO
ALTER DATABASE [SchoolDB] SET QUOTED_IDENTIFIER OFF
GO
ALTER DATABASE [SchoolDB] SET RECURSIVE_TRIGGERS OFF
GO
ALTER DATABASE [SchoolDB] SET  ENABLE_BROKER
GO
ALTER DATABASE [SchoolDB] SET AUTO_UPDATE_STATISTICS_ASYNC OFF
GO
ALTER DATABASE [SchoolDB] SET DATE_CORRELATION_OPTIMIZATION OFF
GO
ALTER DATABASE [SchoolDB] SET TRUSTWORTHY OFF
GO
ALTER DATABASE [SchoolDB] SET ALLOW_SNAPSHOT_ISOLATION OFF
GO
ALTER DATABASE [SchoolDB] SET PARAMETERIZATION SIMPLE
GO
ALTER DATABASE [SchoolDB] SET READ_COMMITTED_SNAPSHOT ON
GO
ALTER DATABASE [SchoolDB] SET HONOR_BROKER_PRIORITY OFF
```

```sql
GO
ALTER DATABASE [SchoolDB] SET RECOVERY SIMPLE
GO
ALTER DATABASE [SchoolDB] SET  MULTI_USER
GO
ALTER DATABASE [SchoolDB] SET PAGE_VERIFY CHECKSUM
GO
ALTER DATABASE [SchoolDB] SET DB_CHAINING OFF
GO
ALTER DATABASE [SchoolDB] SET FILESTREAM( NON_TRANSACTED_ACCESS = OFF )
GO
ALTER DATABASE [SchoolDB] SET TARGET_RECOVERY_TIME = 60 SECONDS
GO
ALTER DATABASE [SchoolDB] SET DELAYED_DURABILITY = DISABLED
GO
ALTER DATABASE [SchoolDB] SET QUERY_STORE = OFF
GO
USE [SchoolDB]
GO
ALTER DATABASE SCOPED CONFIGURATION SET LEGACY_CARDINALITY_ESTIMATION = OFF;
GO
ALTER DATABASE SCOPED CONFIGURATION SET MAXDOP = 0;
GO
ALTER DATABASE SCOPED CONFIGURATION SET PARAMETER_SNIFFING = ON;
GO
ALTER DATABASE SCOPED CONFIGURATION SET QUERY_OPTIMIZER_HOTFIXES = OFF;
GO
USE [SchoolDB]
GO
/****** Object:  Table [dbo].[__EFMigrationsHistory]    Script Date: 22.05.2022
19:45:38 ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[__EFMigrationsHistory](
	[MigrationId] [nvarchar](150) NOT NULL,
	[ProductVersion] [nvarchar](32) NOT NULL,
 CONSTRAINT [PK___EFMigrationsHistory] PRIMARY KEY CLUSTERED
(
	[MigrationId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Courses]    Script Date: 22.05.2022 19:45:38 ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Courses](
	[Id] [int] IDENTITY(1,1) NOT NULL,
	[Name] [nvarchar](max) NOT NULL,
	[Ects] [int] NOT NULL,
 CONSTRAINT [PK_Courses] PRIMARY KEY CLUSTERED
(
	[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Fields]    Script Date: 22.05.2022 19:45:38 ******/
```

```sql
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Fields](
	[Id] [int] IDENTITY(1,1) NOT NULL,
	[Name] [nvarchar](50) NOT NULL,
	[Department] [nvarchar](max) NOT NULL,
 CONSTRAINT [PK_Fields] PRIMARY KEY CLUSTERED
(
	[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Grades]    Script Date: 22.05.2022 19:45:38 ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Grades](
	[Id] [int] IDENTITY(1,1) NOT NULL,
	[StudentId] [int] NOT NULL,
	[CourseId] [int] NOT NULL,
	[Mark] [real] NOT NULL,
 CONSTRAINT [PK_Grades] PRIMARY KEY CLUSTERED
(
	[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Students]    Script Date: 22.05.2022 19:45:38 ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Students](
	[Id] [int] IDENTITY(1,1) NOT NULL,
	[Name] [nvarchar](30) NOT NULL,
	[LastName] [nvarchar](50) NOT NULL,
	[FieldId] [int] NOT NULL,
	[Index] [nvarchar](6) NOT NULL,
 CONSTRAINT [PK_Students] PRIMARY KEY CLUSTERED
(
	[Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Index [IX_Grades_CourseId]    Script Date: 22.05.2022 19:45:38
******/
CREATE NONCLUSTERED INDEX [IX_Grades_CourseId] ON [dbo].[Grades]
(
	[CourseId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, SORT_IN_TEMPDB = OFF,
DROP_EXISTING = OFF, ONLINE = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON
[PRIMARY]
GO
/****** Object:  Index [IX_Grades_StudentId]    Script Date: 22.05.2022 19:45:38
******/
CREATE NONCLUSTERED INDEX [IX_Grades_StudentId] ON [dbo].[Grades]
```

```sql
(
	[StudentId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, SORT_IN_TEMPDB = OFF,
DROP_EXISTING = OFF, ONLINE = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON
[PRIMARY]
GO
/****** Object:  Index [IX_Students_FieldId]    Script Date: 22.05.2022 19:45:38
******/
CREATE NONCLUSTERED INDEX [IX_Students_FieldId] ON [dbo].[Students]
(
	[FieldId] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, SORT_IN_TEMPDB = OFF,
DROP_EXISTING = OFF, ONLINE = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON
[PRIMARY]
GO
ALTER TABLE [dbo].[Grades]  WITH CHECK ADD  CONSTRAINT [FK_Grades_Courses_CourseId]
FOREIGN KEY([CourseId])
REFERENCES [dbo].[Courses] ([Id])
ON DELETE CASCADE
GO
ALTER TABLE [dbo].[Grades] CHECK CONSTRAINT [FK_Grades_Courses_CourseId]
GO
ALTER TABLE [dbo].[Grades]  WITH CHECK ADD  CONSTRAINT [FK_Grades_Students_StudentId]
FOREIGN KEY([StudentId])
REFERENCES [dbo].[Students] ([Id])
ON DELETE CASCADE
GO
ALTER TABLE [dbo].[Grades] CHECK CONSTRAINT [FK_Grades_Students_StudentId]
GO
ALTER TABLE [dbo].[Students]  WITH CHECK ADD  CONSTRAINT [FK_Students_Fields_FieldId]
FOREIGN KEY([FieldId])
REFERENCES [dbo].[Fields] ([Id])
ON DELETE CASCADE
GO
ALTER TABLE [dbo].[Students] CHECK CONSTRAINT [FK_Students_Fields_FieldId]
GO
USE [master]
GO
ALTER DATABASE [SchoolDB] SET  READ_WRITE
GO
```