```sql
USE [master]
GO

/****** Object:  Database [Zoo]    Script Date: 10/18/2019 21:39:23 ******/
CREATE DATABASE [Zoo] ON  PRIMARY
( NAME = N'Zoo', FILENAME = N'C:\Program Files\Microsoft SQL
Server\MSSQL10.MSSQLSERVER\MSSQL\DATA\Zoo.mdf' , SIZE = 3072KB , MAXSIZE =
UNLIMITED, FILEGROWTH = 1024KB )
 LOG ON
( NAME = N'Zoo_log', FILENAME = N'C:\Program Files\Microsoft SQL
Server\MSSQL10.MSSQLSERVER\MSSQL\DATA\Zoo_log.ldf' , SIZE = 1024KB , MAXSIZE =
2048GB , FILEGROWTH = 10%)
GO

ALTER DATABASE [Zoo] SET COMPATIBILITY_LEVEL = 100
GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
begin
EXEC [Zoo].[dbo].[sp_fulltext_database] @action = 'enable'
end
GO

ALTER DATABASE [Zoo] SET ANSI_NULL_DEFAULT OFF
GO

ALTER DATABASE [Zoo] SET ANSI_NULLS OFF
GO

ALTER DATABASE [Zoo] SET ANSI_PADDING OFF
GO

ALTER DATABASE [Zoo] SET ANSI_WARNINGS OFF
GO

ALTER DATABASE [Zoo] SET ARITHABORT OFF
GO

ALTER DATABASE [Zoo] SET AUTO_CLOSE OFF
GO

ALTER DATABASE [Zoo] SET AUTO_CREATE_STATISTICS ON
GO

ALTER DATABASE [Zoo] SET AUTO_SHRINK OFF
GO

ALTER DATABASE [Zoo] SET AUTO_UPDATE_STATISTICS ON
GO

ALTER DATABASE [Zoo] SET CURSOR_CLOSE_ON_COMMIT OFF
GO

ALTER DATABASE [Zoo] SET CURSOR_DEFAULT  GLOBAL
GO

ALTER DATABASE [Zoo] SET CONCAT_NULL_YIELDS_NULL OFF
```

```sql
GO

ALTER DATABASE [Zoo] SET NUMERIC_ROUNDABORT OFF
GO

ALTER DATABASE [Zoo] SET QUOTED_IDENTIFIER OFF
GO

ALTER DATABASE [Zoo] SET RECURSIVE_TRIGGERS OFF
GO

ALTER DATABASE [Zoo] SET  DISABLE_BROKER
GO

ALTER DATABASE [Zoo] SET AUTO_UPDATE_STATISTICS_ASYNC OFF
GO

ALTER DATABASE [Zoo] SET DATE_CORRELATION_OPTIMIZATION OFF
GO

ALTER DATABASE [Zoo] SET TRUSTWORTHY OFF
GO

ALTER DATABASE [Zoo] SET ALLOW_SNAPSHOT_ISOLATION OFF
GO

ALTER DATABASE [Zoo] SET PARAMETERIZATION SIMPLE
GO

ALTER DATABASE [Zoo] SET READ_COMMITTED_SNAPSHOT OFF
GO

ALTER DATABASE [Zoo] SET HONOR_BROKER_PRIORITY OFF
GO

ALTER DATABASE [Zoo] SET  READ_WRITE
GO

ALTER DATABASE [Zoo] SET RECOVERY FULL
GO

ALTER DATABASE [Zoo] SET  MULTI_USER
GO

ALTER DATABASE [Zoo] SET PAGE_VERIFY CHECKSUM
GO

ALTER DATABASE [Zoo] SET DB_CHAINING OFF
GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_AnimalType]    Script Date: 10/18/2019
21:40:22 ******/
SET ANSI_NULLS ON
```

```sql
GO

SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_AnimalType](
	[id] [int] IDENTITY(1,1) NOT NULL,
	[info] [varchar](50) NULL,
	[ClassTypeId] [int] NULL,
 CONSTRAINT [PK_tbl_AnimalType] 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

SET ANSI_PADDING OFF
GO

ALTER TABLE [dbo].[tbl_AnimalType]  WITH CHECK ADD  CONSTRAINT
[FK_tbl_AnimalType_tbl_AnimalType] FOREIGN KEY([ClassTypeId])
REFERENCES [dbo].[tbl_AnimalType] ([id])
GO

ALTER TABLE [dbo].[tbl_AnimalType] CHECK CONSTRAINT
[FK_tbl_AnimalType_tbl_AnimalType]
GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_Animal]    Script Date: 10/18/2019 21:40:36
******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_Animal](
	[id] [int] IDENTITY(1,1) NOT NULL,
	[Name] [varchar](50) NULL,
	[arrivalDate] [datetime] NULL,
	[birthDate] [datetime] NULL,
	[animalType_Id] [int] NULL,
 CONSTRAINT [PK_tbl_Animal] PRIMARY KEY CLUSTERED
(
	[id] ASC
```

```sql
)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]
) ON [PRIMARY]

GO

SET ANSI_PADDING OFF
GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_Cages]    Script Date: 10/18/2019 21:40:54
******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_Cages](
      [id] [int] NOT NULL,
      [descpription] [varchar](50) NULL,
      [capacity] [int] NULL,
 CONSTRAINT [PK_tbl_Cages] 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

SET ANSI_PADDING OFF
GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_FoodType]    Script Date: 10/18/2019
21:41:07 ******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_FoodType](
      [id] [int] IDENTITY(1,1) NOT NULL,
```

```sql
        [description] [varchar](50) NULL,
        [parentId] [int] NULL,
 CONSTRAINT [PK_tbl_FoodType] 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

SET ANSI_PADDING OFF
GO

ALTER TABLE [dbo].[tbl_FoodType]  WITH CHECK ADD  CONSTRAINT
[FK_tbl_FoodType_tbl_FoodType] FOREIGN KEY([parentId])
REFERENCES [dbo].[tbl_FoodType] ([id])
GO

ALTER TABLE [dbo].[tbl_FoodType] CHECK CONSTRAINT
[FK_tbl_FoodType_tbl_FoodType]
GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_Parents]    Script Date: 10/18/2019 21:41:18
******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

CREATE TABLE [dbo].[tbl_Parents](
        [id] [int] NOT NULL,
        [momId] [int] NOT NULL,
        [fatherID] [int] NOT NULL,
 CONSTRAINT [PK_tbl_Parents] PRIMARY KEY CLUSTERED
(
        [id] ASC,
        [momId] ASC,
        [fatherID] 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

USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_Staf]    Script Date: 10/18/2019 21:41:41
******/
SET ANSI_NULLS ON
GO
```

```sql
SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_Staf](
	[id] [int] NOT NULL,
	[name] [varchar](50) NULL,
	[surname] [varchar](50) NULL,
	[birthDate] [datetime] NULL,
	[StartDate] [datetime] NULL,
	[stafRole] [int] NULL,
 CONSTRAINT [PK_tbl_Staf] 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

SET ANSI_PADDING OFF
GO

ALTER TABLE [dbo].[tbl_Staf]  WITH CHECK ADD  CONSTRAINT
[FK_tbl_Staf_tbl_Staf] FOREIGN KEY([stafRole])
REFERENCES [dbo].[tbl_StafRole] ([id])
GO

ALTER TABLE [dbo].[tbl_Staf] CHECK CONSTRAINT [FK_tbl_Staf_tbl_Staf]
GO




USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_StafRole]    Script Date: 10/18/2019
21:41:53 ******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_StafRole](
	[id] [int] IDENTITY(1,1) NOT NULL,
	[definition] [varchar](50) NULL,
 CONSTRAINT [PK_tbl_StafRole] PRIMARY KEY CLUSTERED
(
	[id] ASC
```

```sql
)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS  = ON, ALLOW_PAGE_LOCKS  = ON) ON [PRIMARY]
) ON [PRIMARY]

GO

SET ANSI_PADDING OFF
GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_tmpFoodType]    Script Date: 10/18/2019
21:42:05 ******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_tmpFoodType](
      [id] [int] IDENTITY(1,1) NOT NULL,
      [description] [varchar](50) NULL,
      [parentId] [int] NULL
) ON [PRIMARY]

GO

SET ANSI_PADDING OFF
GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_VaccineDosage]    Script Date: 10/18/2019
21:42:16 ******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

CREATE TABLE [dbo].[tbl_VaccineDosage](
      [id] [int] NOT NULL,
      [vacinneTypeId] [int] NOT NULL,
      [animalId] [int] NOT NULL,
      [time] [date] NULL,
 CONSTRAINT [PK_tbl_VaccineDosage] 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]
```

```sql
) ON [PRIMARY]

GO


USE [Zoo]
GO

/****** Object:  Table [dbo].[tbl_VaccineType]    Script Date: 10/18/2019
21:42:31 ******/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

SET ANSI_PADDING ON
GO

CREATE TABLE [dbo].[tbl_VaccineType](
      [id] [int] NOT NULL,
      [description] [varchar](50) NULL,
 CONSTRAINT [PK_tbl_VaccineType] 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

SET ANSI_PADDING OFF
GO
```

İnsert İfadeleri

```
tbl_AnimalType:
```

```sql
insert into tbl_AnimalType Values  (     'Kuþ',NULL  )
insert into tbl_AnimalType Values  (     'Yýlan',NULL      )
insert into tbl_AnimalType Values  (     'Papaðan',1 )
insert into tbl_AnimalType Values  (     'Karga',1   )
insert into tbl_AnimalType Values  (     'Penguen',1 )
insert into tbl_AnimalType Values  (     'Keçi',1    )
insert into tbl_AnimalType Values  (     'Çýngýraklý Yýlan',2    )
insert into tbl_AnimalType Values  (     'Kobra',2   )
insert into tbl_AnimalType Values  (     'Engerek',2 )
insert into tbl_AnimalType Values  (     'Orangutan',NULL  )
insert into tbl_AnimalType Values  (     'Þempanze',NULL   )
insert into tbl_AnimalType Values  (     'Ceylan',NULL     )
insert into tbl_AnimalType Values  (     'Geyik',NULL      )
insert into tbl_AnimalType Values  (     'Keçi',NULL )
```

tbl_FoodType

```sql
insert into tbl_FoodType Values      (      'Ot',NULL    )
insert into tbl_FoodType Values      ('Et',NULL   )
insert into tbl_FoodType Values      ('Keçi Eti',2      )
insert into tbl_FoodType Values      ('Koyun Eti',2      )
insert into tbl_FoodType Values      (      'Balk',NULL )
insert into tbl_FoodType Values      (      'Hamsi',5    )
insert into tbl_FoodType Values      (      'Turna',5    )
insert into tbl_FoodType Values      (      'Yonca',1    )
insert into tbl_FoodType Values      (      'Sebze',NULL         )
insert into tbl_FoodType Values      (      'Yulaf',1    )
insert into tbl_FoodType Values      (      'Havuç',9    )
insert into tbl_FoodType Values      (      'Prasa',9    )
```

tbl_Animal

```sql
insert into tbl_Animal values (      'k1','2018-10-16',NULL,14      )
insert into tbl_Animal values (      'k2','2017-10-09',NULL,14      )
insert into tbl_Animal values (      'k3',NULL,'2019-03-04',14      )
insert into tbl_Animal values (      'p1','2019-01-01',NULL,3      )
insert into tbl_Animal values (      'p2','2018-11-05',NULL,3      )
insert into tbl_Animal values (      'p3','2017-12-04',NULL,3      )
insert into tbl_Animal values (      'p4','2019-06-03',NULL,3      )
insert into tbl_Animal values (      'y1','2019-01-02',NULL,2      )
insert into tbl_Animal values (      'k4',NULL,'2019-10-11',14      )
```