

עבודה מסכמת – מעבדה מתקדמת בבסיסי נתונים
סמסטר קיץ תשפ"א

חלק א :

תיאור קצר של המערכת :

תפקידה של המערכת – לנהל ולארגן את התפעול של גן החיות.
בסיס הנתונים ישמור נתונים על – עובדים, מבקרים, חיות, אוכל וכלובים ויאפשר לקבל פרטים על כל אחד מהאובייקטים באופן עצמאי או על הטבלאות המקשרות בין האובייקטים.

תיאור הטבלאות במסד הנתונים :

Underline bold Italic – represents Private Key , **(FK)** – represents Foreign Key

Table name	Columns
Employee	<u>employeeID</u> firstName lastName birthDate phoneNumber gender salary
Food	<u>foodID</u> foodName foodMatterState
AnimalType	<u>animalTypeID</u> animalTypeName animalCategory
Cage	<u>cageID</u> cageForDangerousAnimal cageVolume cageMaterial
Animal	<u>animalID</u> animalName animalBirthDate animalWeight animalHeight animalGender animalIsDangerous animalDescription animalTypeID(FK)
AnimalInCage	<u>animalID(FK)</u> <u>cageID(FK)</u>
AnimalEatsFood	<u>animalID(FK)</u> <u>foodID(FK)</u>
EmployeeCleanCage	<u>employeeID(FK)</u> <u>cageID(FK)</u> <u>startCleaningTime</u> endCleaningTime dryCleaning
Visitor	<u>visitorID</u> visitorFirstName visitorLastName visitorBirthDate visitorGender
VisitorMeetAnimal	<u>visitorID(FK)</u> <u>animalID(FK)</u> <u>visitDate</u>

קוד יצירת מסד הנתונים בשפת DDL :

```
--create database Zoo_db

--use Zoo_db

create table Employee
(
    employeeID char(9) check(employeeID like replicate('[0-9]',9)) primary
key,
    firstName nvarchar(20) check(len(firstName) >= 2) not null,
    lastName nvarchar(20) check(len(lastName) >= 2) not null,
    birthDate date check(birthDate <= getdate() and datediff(year,
birthDate, getdate()) > 16) not null,
    phoneNumber char(10) check(phoneNumber like '05'+replicate('[0-9]',8))
not null,
    gender char(1) check(gender in ('M', 'F')) not null,
    salary real not null
)

create table Food
(
    foodID tinyint identity (1,1) primary key,
    foodName nvarchar(20) unique not null check(len(foodName) > 2),
    foodMatterState nvarchar(6) check(foodMatterState in ('liquid',
'solid')) not null
)

create table AnimalType
(
    animalTypeID smallint identity (1,1) primary key,
    animalTypeName nvarchar(50) check(len(animalTypeName) > 2) not null,
    animalCategory nvarchar(13) check(animalCategory in ('Mammal', 'Bird',
'Reptile', 'Amphibian', 'Fish', 'Invertebrate', 'Bug'))
)

create table Cage
(
    cageID smallint identity (100, 10) primary key,
    cageForDangerousAnimal BIT null,
    cageVolume decimal(4,1) check(cageVolume > 4.0) not null,
    cageMaterial nvarchar(5) check(cageMaterial like 'Wood'
or cageMaterial like
'Metal'
or cageMaterial like
'Stone') not null
)
```

```

create table Animal
(
    animalID smallint identity (1, 1) not null primary key,
    animalName nvarchar(20) check(len(animalName) >= 2) not null,
    animalBirthDate date check(animalBirthDate < getdate()) not null,
    animalWeight decimal(5,1) check(animalWeight > 0) not null,
    animalHeight decimal(3,2) check(animalHeight > 0 and animalHeight < 7.0)
not null,
    animalGender char(1) check(animalGender in ('M', 'F')) not null,
    animalIsDangerous BIT null,
    animalDescription nvarchar(255) null,
    animalTypeID smallint references AnimalType(animalTypeID) ON UPDATE
CASCADE ON DELETE SET NULL, -- SET NULL because we would like to still have the
data
)

```

```

create table AnimalInCage
(
    animalID smallint references Animal(animalID) ON UPDATE CASCADE ON
DELETE CASCADE,
    cageID smallint references Cage(cageID) ON UPDATE CASCADE ON DELETE
CASCADE,

    primary key(animalID , cageID)
)

```

```

create table AnimalEatsFood
(
    animalID smallint references Animal(animalID) ON UPDATE CASCADE ON
DELETE CASCADE,
    foodID tinyint references Food(foodID) ON UPDATE CASCADE ON DELETE
CASCADE,

    primary key(animalID , foodID)
)

```

```

create table EmployeeCleanCage
(
    employeeID char(9) references Employee(employeeID) ON UPDATE CASCADE ON
DELETE CASCADE,
    cageID smallint references Cage(cageID) ON UPDATE CASCADE ON DELETE
CASCADE,

    startCleaningTime smalldatetime not null,
    endCleaningTime smalldatetime null,
    dryCleaning BIT null,

    primary key (employeeID, cageID, startCleaningTime)
)

```

```

create table Visitor
(
    visitorID int identity(1000,1) primary key,
    visitorFirstName varchar(40) not null,
    visitorLastName varchar(40) not null,
    visitorBirthDate date check(datediff(year, visitorBirthDate, getdate())
between 3 and 103) not null,
    visitorGender char(1) check(visitorGender in ('M', 'F')) not null,
)

```

```
create table VisitorMeetAnimal
(
    visitorID int references Visitor(visitorID),
    animalID smallint references Animal(animalID),
    visitDate date not null,
    primary key (visitorID, animalID, visitDate)
)
```

קוד הזנת נתונים לטבלאות (אם יש) : המידע יוצר בשימוש ב Python Faker

```
--use Zoo_db
--AnimalType
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('aardvark', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('antelope', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('bear',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('boar',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('buffalo', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('calf',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('cavy',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('cheetah', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('deer',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('dolphin', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('elephant', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('fruitbat', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('giraffe', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('girl',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('goat',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('gorilla', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('hamster', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('hare',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('leopard', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('lion',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('lynx',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('mink',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('mole',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('mongoose', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('opossum', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('oryx',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('platypus', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('polecat', 'Mammal')
```

```

insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('pony',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('porpoise', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('puma',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('pussycat', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('raccoon', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('reindeer', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('seal',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('sealion', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('squirrel', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('vampire', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('vole',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('wallaby', 'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('wolf',
'Mammal')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('chicken', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('crow',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('dove',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('duck',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('flamingo', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('gull',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('hawk',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('kiwi',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('lark',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('ostrich', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('parakeet', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('parrot', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('penguin', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('pheasant', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('rhea',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('skimmer', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('skua',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('sparrow', 'Bird')

```



```

insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('swan',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('vulture', 'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('wren',
'Bird')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('pitviper', 'Reptile')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('seasnake', 'Reptile')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('slowworm', 'Reptile')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('tortoise', 'Reptile')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('tuatara', 'Reptile')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('bass',
'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('carp',
'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('catfish', 'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('chub',
'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('dogfish', 'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('haddock', 'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('herring', 'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('pike',
'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('piranha', 'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('seahorse', 'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('sole',
'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('stingray', 'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('tuna',
'Fish')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('frog',
'Amphibian')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('newt',
'Amphibian')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('toad',
'Amphibian')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('flea',
'Bug')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('gnat',
'Bug')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('honeybee', 'Bug')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('housefly', 'Bug')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('ladybird', 'Bug')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('moth',
'Bug')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('termite', 'Bug')

```

```

insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('wasp',
'Bug')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('clam',
'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('crab',
'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('crayfish', 'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('lobster', 'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('octopus', 'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('scorpion', 'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('seawasp', 'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('slug',
'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory)
values('starfish', 'Invertebrate')
insert into [dbo].[AnimalType] (animalTypeName, animalCategory) values('worm',
'Invertebrate')

```

```

--Food
insert into [dbo].[Food] values('pasta', 'solid');
insert into [dbo].[Food] values('hamburger', 'solid');
insert into [dbo].[Food] values('pizza', 'solid');
insert into [dbo].[Food] values('tomato', 'solid');
insert into [dbo].[Food] values('cucumber', 'solid');
insert into [dbo].[Food] values('carrot', 'solid');
insert into [dbo].[Food] values('onion', 'solid');
insert into [dbo].[Food] values('cabbage', 'solid');
insert into [dbo].[Food] values('eggplant', 'solid');
insert into [dbo].[Food] values('bean', 'solid');
insert into [dbo].[Food] values('pepper', 'solid');
insert into [dbo].[Food] values('potato', 'solid');
insert into [dbo].[Food] values('apple', 'solid');
insert into [dbo].[Food] values('banana', 'solid');
insert into [dbo].[Food] values('pineapple', 'solid');
insert into [dbo].[Food] values('orange', 'solid');
insert into [dbo].[Food] values('grape', 'solid');
insert into [dbo].[Food] values('pear', 'solid');
insert into [dbo].[Food] values('peach', 'solid');
insert into [dbo].[Food] values('kiwi', 'solid');
insert into [dbo].[Food] values('strawberry', 'solid');
insert into [dbo].[Food] values('leaf', 'solid');
insert into [dbo].[Food] values('mushroom', 'solid');
insert into [dbo].[Food] values('coconut', 'solid');
insert into [dbo].[Food] values('nut', 'solid');
insert into [dbo].[Food] values('sunflower seeds', 'solid');
insert into [dbo].[Food] values('lamb chops', 'solid');
insert into [dbo].[Food] values('meat', 'solid');
insert into [dbo].[Food] values('wheat', 'solid');
insert into [dbo].[Food] values('egg', 'solid');
insert into [dbo].[Food] values('sweet potato soup', 'liquid');
insert into [dbo].[Food] values('tomato soup', 'liquid');
insert into [dbo].[Food] values('onion soup', 'liquid');
insert into [dbo].[Food] values('lentil soup', 'liquid');

```

```

--Cage
--select * from Cage
insert into [dbo].[Cage] values(0, 20.5, 'Wood');
insert into [dbo].[Cage] values(0, 10, 'Wood');
insert into [dbo].[Cage] values(0, 13, 'Wood');
insert into [dbo].[Cage] values(0, 33.4, 'Wood');
insert into [dbo].[Cage] values(0, 5, 'Wood');
insert into [dbo].[Cage] values(0, 16.4, 'Wood');
insert into [dbo].[Cage] values(0, 6, 'Wood');
insert into [dbo].[Cage] values(0, 10.5, 'Metal');
insert into [dbo].[Cage] values(0, 20.6, 'Metal');
insert into [dbo].[Cage] values(0, 30.7, 'Metal');
insert into [dbo].[Cage] values(0, 40.8, 'Metal');
insert into [dbo].[Cage] values(0, 50.9, 'Metal');
insert into [dbo].[Cage] values(0, 70.3, 'Metal');
insert into [dbo].[Cage] values(0, 60.2, 'Metal');
insert into [dbo].[Cage] values(0, 5, 'Stone');
insert into [dbo].[Cage] values(0, 6, 'Stone');
insert into [dbo].[Cage] values(0, 7, 'Stone');
insert into [dbo].[Cage] values(0, 8, 'Stone');
insert into [dbo].[Cage] values(0, 9, 'Stone');
insert into [dbo].[Cage] values(0, 10, 'Stone');
insert into [dbo].[Cage] values(0, 11, 'Stone');
insert into [dbo].[Cage] values(1, 10, 'Stone');
insert into [dbo].[Cage] values(1, 9, 'Stone');
insert into [dbo].[Cage] values(1, 8, 'Stone');
insert into [dbo].[Cage] values(1, 100.6, 'Metal');
insert into [dbo].[Cage] values(1, 90.5, 'Metal');
insert into [dbo].[Cage] values(1, 80.4, 'Metal');
insert into [dbo].[Cage] values(1, 92.7, 'Wood');
insert into [dbo].[Cage] values(1, 46, 'Wood');
insert into [dbo].[Cage] values(1, 57, 'Wood');
insert into [dbo].[Cage] values(1, 40.7, 'Wood');

insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Joseph', '1980-04-03', 2015.2, 0.76, 'M', 0, 'Rocks nearly extinct live
in fly tough. Dangerous waterfall live under live under. Cute fly smell
dangerous. The walk long journey live under dangerous. Bad tough this food walk
tough good.', 1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brenda', '1985-07-30', 4193.2, 2.9, 'F', 0, 'Ocean bad dangerous
waterfall. Smell fly good tough nearly extinct. Nearly Extinct tough tough.
Tough long journey waterfall smell tough desert. Dangerous fly live in hop.',
1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Richard', '1972-10-16', 9887.9, 2.93, 'M', 0, 'Bad hop animal desert.
Desert the dangerous food. Live Under bad food animal. Ocean smell this long
journey ocean hiding. Dangerous hiding the good smell waterfall long journey.',
1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Victor', '1984-06-06', 5770.6, 2.83, 'M', 1, 'Cute good dangerous ocean
dangerous this rocks. Walk waterfall dangerous smell. Hiding cute desert nearly
extinct rocks. Live In this fly a pool. Fly ocean live in walk dangerous animal
rocks.', 1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Shane', '1983-09-27', 4551.0, 0.47, 'F', 1, 'Live Under a pool tough
eat walk tough desert. Live Under animal food fly dangerous live in. Eat fly

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```

this ocean waterfall good. Live In fly this tough ocean food. Fly hop
hiding.', 1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kara', '1973-08-19', 2064.6, 3.81, 'M', 1, 'Bad rocks rocks this fly
dangerous. Tough cute the cute hop. Walk food this hop. Dangerous fly long
journey live in fly tough dangerous animal. Fly live in bad good.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Ricardo', '1973-06-23', 7124.7, 5.24, 'M', 1, 'Long Journey smell smell
nearly extinct eat hop cute. Smell waterfall nearly extinct smell a pool. Walk
animal this waterfall hop. Eat food tough cute. Desert a pool ocean food
ocean.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kendra', '2006-04-08', 2577.2, 2.19, 'F', 0, 'Smell rocks long journey
live in bad. Live In long journey live under hiding rocks. Waterfall tough
smell rocks animal live in. Nearly Extinct live in tough smell live in long
journey the. Walk a pool eat waterfall.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Danielle', '2005-08-31', 4085.3, 2.37, 'F', 1, 'Live Under desert
animal walk hiding. Ocean good tough desert live under a pool. Walk good this
waterfall waterfall live in good. Ocean long journey bad bad live in cute. Walk
live in this food.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Scott', '1990-07-10', 7296.1, 3.75, 'F', 1, 'This a pool walk hiding
animal animal smell. Desert dangerous smell this eat a pool long journey.
Waterfall cute smell waterfall nearly extinct. Hop smell long journey long
journey hop. Bad rocks live in walk rocks eat live under.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Courtney', '1987-04-13', 6197.4, 3.95, 'M', 0, 'Smell this tough bad
bad ocean waterfall. Fly food a pool cute. Food smell nearly extinct food.
Smell bad the live under nearly extinct waterfall. Ocean bad good walk fly
tough hop.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Bradley', '1984-12-21', 4380.7, 1.6, 'F', 1, 'Food hop desert fly this
animal. Fly live under long journey eat live under. This walk tough ocean. Cute
ocean eat. Eat eat the.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jerry', '1988-04-16', 4581.0, 4.9, 'F', 0, 'Long Journey fly food rocks
hop waterfall. Live Under waterfall long journey hiding fly fly. Hiding animal
nearly extinct animal live in cute live in. Ocean hiding nearly extinct live
under tough rocks. Fly rocks desert.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Christie', '2016-12-01', 3949.2, 0.72, 'M', 1, 'Dangerous ocean live in
fly tough the. Smell rocks food hiding cute eat ocean. A Pool a pool fly food
long journey. Nearly Extinct this ocean smell. Good rocks food cute hiding walk
ocean animal.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Tracy', '1998-07-29', 1762.4, 0.5, 'M', 0, 'Nearly Extinct waterfall
long journey. Bad walk hop a pool a pool food. The a pool cute rocks hiding
waterfall a pool. Hop hiding a pool the live under fly. Nearly Extinct hop live
under cute food smell walk hiding.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)

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values('Hannah', '2006-08-09', 4548.2, 5.87, 'F', 1, 'Tought a pool animal
tought good ocean rocks. Eat this live in. Cute desert walk dangerous. Animal
walk cute. Bad ocean waterfall nearly extinct tought.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1984-11-23', 6052.6, 1.54, 'M', 1, 'Hop cute ocean rocks hop
cute hop. Good hop bad. Hiding live under this live under bad fly. The rocks
long journy hop. Smell eat good walk live in.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Zachary', '1990-05-05', 4423.9, 5.76, 'F', 0, 'Live In animal cute live
under good long journy long journy. The desert tought bad. Desert fly fly.
Waterfall bad live in this bad this tought. Dangerous food bad waterfall
dangerous live under.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brian', '1977-04-04', 9327.5, 4.09, 'M', 0, 'Live In live under hiding
walk food food. Fly the bad live under. Cute desert bad tought live under good.
A Pool live in cute the. Nearly Extinct hop live in fly.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Justin', '2018-01-07', 9947.9, 4.91, 'F', 0, 'Hiding desert hop live in
walk animal a pool. Good waterfall good the. Rocks food eat walk good tought
tought ocean. Rocks ocean live in smell. Bad bad eat good food eat.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jaime', '1984-02-16', 4295.6, 6.54, 'M', 0, 'Tought smell animal cute.
Hop good dangerous walk walk the. The desert rocks hiding. Ocean animal ocean
nearly extinct a pool desert. The dangerous bad eat eat rocks animal food.',
4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Keith', '2011-11-12', 2900.9, 3.32, 'M', 0, 'Dangerous ocean hop. Smell
walk this a pool live in animal good. Animal the rocks live under eat the cute
nearly extinct. Food ocean fly eat. A Pool long journy hop this this a pool
eat.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Stephanie', '2005-10-27', 2401.1, 4.74, 'M', 1, 'Eat bad dangerous
nearly extinct. Fly good fly this smell this live in. Walk a pool animal
animal. Hiding bad a pool a pool live under hop good. The walk hop dangerous
animal eat food.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Billy', '2003-01-09', 1368.3, 6.37, 'M', 1, 'Live Under live in tought
cute food bad rocks. Live In walk long journy bad waterfall hiding good. Hiding
long journy eat ocean. Good waterfall live under live in walk the desert
hiding. Tought a pool dangerous ocean hiding the.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Megan', '1997-02-28', 5435.6, 3.17, 'F', 1, 'Tought hiding eat this bad
the. Rocks desert bad animal. Waterfall bad hop food hop ocean. This hop cute
rocks. Animal live in eat waterfall.', 101)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Dana', '1989-12-11', 2847.8, 1.0, 'F', 1, 'Live In long journy this
nearly extinct. Cute rocks ocean live under long journy fly nearly extinct
smell. Rocks animal rocks waterfall rocks ocean. Animal ocean live under ocean
waterfall ocean. The hiding a pool hop.', 101)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Marcus', '1994-10-31', 4983.1, 5.23, 'M', 0, 'Ocean cute dangerous food

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long journey hop rocks ocean. Good hop waterfall the ocean hop. This fly hop the
good bad a pool. Walk live in food waterfall long journey long journey walk. Eat
long journey dangerous cute rocks.', 101)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brent', '2016-08-23', 2891.1, 1.91, 'F', 1, 'Long Journey this hop
tought. Desert a pool walk long journey eat rocks live in waterfall. Food
waterfall waterfall live under the bad food. Cute desert hiding tough. Live In
desert nearly extinct eat walk good dangerous waterfall.', 101)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kyle', '1971-12-23', 1314.7, 6.68, 'M', 1, 'The bad live under. Desert
live in fly long journey walk good rocks. The long journey hiding nearly extinct
a pool smell. Long Journey tough long journey eat tough cute. Live Under eat
hop hop.', 101 )
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Sandy', '2019-07-28', 4940.9, 5.69, 'F', 1, 'Fly bad food eat hiding
eat. This animal tough this hop walk fly. Waterfall smell the long journey. A
Pool animal hop eat walk. Long Journey hiding the smell food the the.', 101)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Edward', '1988-08-20', 3240.6, 1.69, 'M', 1, 'Cute ocean tough.
Waterfall good hop nearly extinct walk eat bad. A Pool dangerous long journey
hiding. The bad smell hiding a pool waterfall. Long Journey dangerous fly food a
pool rocks the a pool.', 101)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Donna', '2015-09-21', 6549.5, 0.39, 'M', 0, 'Food smell good walk the
good walk. Hiding hop animal tough. Desert the bad eat tough. Bad fly ocean
ocean fly hiding. Ocean a pool nearly extinct cute animal a pool.', 100 )
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Aaron', '1977-02-08', 3541.5, 1.27, 'M', 1, 'Long Journey eat dangerous
dangerous. Animal good nearly extinct nearly extinct ocean the. Eat cute
dangerous long journey dangerous. Bad dangerous cute bad animal bad fly. Rocks
hop smell fly.', 100)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jeffrey', '1988-12-04', 3368.3, 3.01, 'F', 0, 'Bad hop nearly extinct
bad. Live In food bad a pool cute. Walk this dangerous cute. Nearly Extinct
good rocks. This ocean ocean a pool live under.', 100)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Emily', '2018-08-03', 9877.1, 5.99, 'F', 1, 'A Pool rocks smell hop
smell walk. Ocean eat ocean this live in bad tough. Hiding long journey hiding
bad the animal. Rocks walk dangerous dangerous tough. Food long journey live
under animal animal ocean live in good.', 100)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Clayton', '2004-02-22', 1316.6, 5.46, 'M', 0, 'Animal dangerous the
walk cute live under hiding. Waterfall nearly extinct dangerous live in good.
Rocks hiding smell tough fly. Good live under nearly extinct dangerous animal
walk live in. Ocean a pool tough a pool.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Michelle', '1998-11-15', 29.7, 0.26, 'F', 1, 'Animal desert tough walk
good food eat. Food fly smell bad bad live in. Tough bad hiding waterfall eat
a pool long journey. Rocks nearly extinct rocks waterfall a pool. Fly good bad
good.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)

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values('Kayla', '1990-11-30', 3230.5, 1.68, 'F', 0, 'Long Journey live in this
dangerous food ocean walk. This walk live under dangerous walk. Good bad nearly
extinct cute live under food bad. Waterfall tough walk hiding. Bad the tough
walk this tough waterfall food.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jessica', '1997-07-03', 5560.0, 5.56, 'M', 0, 'Smell this the tough
animal. Desert tough live under waterfall walk. Smell nearly extinct waterfall
food tough. Live In this animal ocean walk. Smell food rocks hop long
journey.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kiara', '2004-11-25', 3059.3, 2.02, 'M', 0, 'Live In live under smell
fly waterfall tough live under. Rocks tough rocks good a pool. Ocean
waterfall animal waterfall. Live Under the bad long journey hop. Bad desert
hiding ocean the food walk rocks.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Briana', '1977-03-03', 9440.4, 3.9, 'F', 0, 'This cute eat. Bad ocean
bad long journey dangerous. Food a pool waterfall rocks hop. The a pool hop live
in hop ocean live in. Waterfall live in this dangerous the.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Robert', '1979-09-14', 1437.3, 6.9, 'M', 1, 'Desert nearly extinct
nearly extinct this a pool hop dangerous eat. Live Under nearly extinct eat
this animal rocks. Cute dangerous long journey food smell. Long Journey this live
in long journey smell. Tough live in animal hop hiding cute.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Nicholas', '1989-09-10', 169.5, 2.77, 'F', 0, 'Live Under hop this bad
bad nearly extinct. This food walk walk live under hop nearly extinct. Bad
waterfall a pool good smell good eat. Dangerous live in live in nearly extinct
long journey rocks. Animal animal a pool hiding nearly extinct.', 10)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jeffrey', '1999-04-17', 6501.5, 1.98, 'F', 0, 'Live Under live in hop a
pool nearly extinct ocean. Desert live in walk live under long journey cute a
pool. Desert walk animal. Walk good cute. Live Under waterfall food.', 10)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Melanie', '1976-12-25', 1374.8, 0.29, 'F', 0, 'Desert rocks animal bad
hiding nearly extinct. Ocean good rocks ocean waterfall nearly extinct fly
food. Ocean smell nearly extinct rocks long journey. The eat bad the cute the
this. Nearly Extinct live under good tough.', 10)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1993-10-05', 8968.4, 2.01, 'F', 0, 'Eat live in bad live in
cute smell. Fly smell animal a pool animal. Fly eat bad dangerous food hiding
walk. Rocks dangerous nearly extinct smell a pool. Cute animal food nearly
extinct.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1983-05-29', 5354.8, 6.43, 'M', 1, 'This the a pool waterfall
rocks the dangerous hop. Eat a pool walk rocks. Hiding dangerous food eat
nearly extinct fly. This fly hop ocean live under. A Pool hiding live in eat
waterfall desert.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Michelle', '1973-10-28', 5938.2, 2.56, 'M', 1, 'Cute this smell tough.
Good rocks hiding. Smell food live in long journey rocks fly tough nearly
extinct. Good tough tough nearly extinct live under bad food. Smell eat rocks
good rocks bad.', 11)

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insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Deborah', '1983-04-05', 6041.8, 4.68, 'M', 1, 'Smell thought good hop
nearly extinct cute nearly extinct long journey. Rocks cute waterfall ocean
nearly extinct long journey desert. Smell live in waterfall ocean ocean
waterfall fly cute. Live Under desert nearly extinct. Hop good walk smell
smell.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Susan', '2021-09-20', 3544.3, 4.39, 'M', 1, 'Bad eat food bad.
Waterfall this walk waterfall. Animal nearly extinct the. Good cute walk rocks
thought dangerous rocks. Waterfall rocks food thought.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Geoffrey', '1995-05-29', 1558.7, 6.55, 'F', 1, 'Live Under ocean ocean
animal waterfall live in. Desert a pool waterfall ocean. Eat good hiding food
bad dangerous a pool. Good fly dangerous long journey thought. Rocks dangerous
smell eat food.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Yolanda', '2016-10-24', 788.9, 5.34, 'M', 1, 'Desert rocks eat
waterfall smell. Food dangerous this live under dangerous long journey bad. Long
Journey ocean thought a pool food. Waterfall fly ocean animal smell eat the
nearly extinct. This ocean desert the nearly extinct.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Christopher', '1974-01-09', 8764.8, 6.11, 'F', 1, 'Bad nearly extinct
cute dangerous food dangerous. Smell waterfall rocks ocean animal food. Fly
thought nearly extinct fly live under live under walk. Good long journey desert
rocks. Dangerous nearly extinct nearly extinct walk.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kenneth', '1978-01-29', 494.8, 1.91, 'M', 0, 'Live Under a pool thought
live in good. Fly good rocks ocean walk ocean ocean animal. Thought hop fly good
smell this. This desert animal animal. Dangerous smell good ocean rocks
desert.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Charlene', '1988-12-11', 6141.1, 4.51, 'F', 1, 'Fly hop this animal
rocks walk. A Pool ocean thought desert the eat desert. Waterfall walk fly
thought walk dangerous animal. Hop fly fly long journey. Nearly Extinct fly good
ocean hiding.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Christina', '2003-11-16', 9790.5, 1.67, 'M', 0, 'Long Journey live under
animal hiding eat. Dangerous food the desert the. Food desert live in bad this
dangerous long journey hop. Dangerous the live in the food the. The live under
waterfall good food live under.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Juan', '1980-05-02', 5053.1, 1.03, 'M', 0, 'Walk live in dangerous good
live under hop. Thought bad bad cute. The bad hop bad ocean. Live Under bad live
in the. Live Under a pool ocean food.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Shelia', '2006-12-19', 5463.2, 0.75, 'M', 0, 'Dangerous dangerous
desert dangerous. Walk smell smell waterfall waterfall eat a pool. The bad good
thought rocks. Live In live under desert the food. Bad smell live in ocean.',
12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brandi', '2021-06-24', 6258.3, 3.22, 'F', 0, 'This hiding eat the live

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under. Rocks hop tough animal waterfall fly nearly extinct. Ocean smell good
eat smell a pool. This eat ocean live under. Waterfall ocean hop waterfall eat
desert long journey a pool.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Shannon', '2008-08-18', 4417.7, 2.6, 'F', 0, 'Cute dangerous cute live
in ocean. Good a pool hop bad. Nearly Extinct tough hop smell. Animal eat
nearly extinct a pool animal the. Dangerous food rocks this eat rocks tough.',
12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Samantha', '2009-10-30', 6121.0, 6.69, 'M', 1, 'Desert food this hop
waterfall. Dangerous the fly live under cute eat live under. Live In this this.
Nearly Extinct waterfall dangerous tough smell a pool. Food ocean hiding live
under ocean.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Lisa', '1991-03-17', 6594.7, 1.06, 'F', 0, 'Tough ocean eat animal
ocean nearly extinct fly. Live Under hiding live under dangerous. This
waterfall fly rocks. Live Under hop ocean. Animal eat animal walk.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Stephanie', '1972-07-18', 3879.7, 0.36, 'F', 0, 'This good food. Good a
pool rocks. The good ocean smell live in eat bad. Fly nearly extinct desert
waterfall cute hiding walk. Food bad desert tough long journey bad good.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Chase', '2009-01-30', 1980.6, 2.99, 'M', 0, 'Rocks walk walk good. Hop
ocean ocean animal desert ocean. Food dangerous eat walk long journey. The
hiding waterfall waterfall hop fly. Hiding smell long journey cute cute.', 13)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kenneth', '1982-07-19', 6672.4, 3.39, 'M', 0, 'Food hop dangerous fly
this. Live Under long journey bad this nearly extinct live in. Nearly Extinct
hiding food good the animal. A Pool fly dangerous tough live in. A Pool nearly
extinct walk live in dangerous a pool long journey.', 13)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jennifer', '1997-06-01', 310.0, 5.68, 'M', 0, 'Ocean good walk hiding
tough. Fly this live in. The hiding dangerous dangerous eat waterfall
waterfall desert. Cute bad food nearly extinct live in. Desert the food food
rocks good the bad.', 13)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1983-07-18', 2557.4, 2.02, 'F', 0, 'Hop good desert live under
good good. Smell rocks the eat. Live Under tough nearly extinct. Eat fly live
in. Bad live in nearly extinct animal eat long journey waterfall.', 13)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Douglas', '1971-05-31', 9660.8, 1.1, 'M', 1, 'This nearly extinct
tough smell eat desert a pool hiding. Long Journey live under cute hiding a
pool cute nearly extinct. Waterfall bad waterfall ocean. Dangerous walk food
good. Bad hiding animal the.', 21)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Matthew', '2002-07-15', 7403.5, 3.8, 'M', 0, 'Desert animal desert cute
a pool this animal. Live In walk animal a pool walk. Animal bad cute dangerous
walk cute. Rocks cute walk long journey hiding a pool. Food tough eat hop hop
the live under.', 21)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Joseph', '2014-12-03', 9832.9, 5.23, 'F', 1, 'Desert this fly. Live In

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food animal thought. Nearly Extinct live under ocean a pool live in thought eat
hop. Dangerous ocean the this. The live in good live under animal.', 21)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Audrey', '1999-11-03', 5054.6, 4.89, 'F', 1, 'Waterfall good dangerous
hop desert. Desert desert smell animal good hop. Smell smell cute live under
good waterfall nearly extinct. A Pool bad good live in bad this nearly extinct
hiding. Animal smell good rocks eat.', 21)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Andrew', '1993-08-16', 9556.4, 4.05, 'M', 1, 'Fly eat thought eat. Eat
walk food smell live in this. Rocks long journey live in live under. Waterfall
thought the long journey smell. Hop desert thought hop eat waterfall.', 21)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Megan', '1993-04-01', 5688.6, 0.33, 'F', 1, 'Good nearly extinct bad a
pool smell live under nearly extinct. Rocks this long journey this the. Walk
desert live in cute. Thought long journey good live under rocks this long journey
good. Bad desert a pool.', 21)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Emily', '2002-12-17', 9594.9, 3.55, 'F', 1, 'Good desert live in ocean
hop. Eat cute thought nearly extinct. Dangerous dangerous hiding bad. The cute
live in bad good eat hiding. Long Journey live under thought live in thought.',
22)

insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Joseph', '1980-04-03', 2015.2, 0.76, 'M', 0, 'Rocks nearly extinct live
in fly thought. Dangerous waterfall live under live under. Cute fly smell
dangerous. The walk long journey live under dangerous. Bad thought this food walk
thought good.', 1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Richard', '1972-10-16', 9887.9, 2.93, 'M', 0, 'Bad hop animal desert.
Desert the dangerous food. Live Under bad food animal. Ocean smell this long
journey ocean hiding. Dangerous hiding the good smell waterfall long journey.',
1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brenda', '1985-07-30', 4193.2, 2.9, 'F', 0, 'Ocean bad dangerous
waterfall. Smell fly good thought nearly extinct. Nearly Extinct thought thought.
Thought long journey waterfall smell thought desert. Dangerous fly live in hop.',
1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Victor', '1984-06-06', 5770.6, 2.83, 'M', 1, 'Cute good dangerous ocean
dangerous this rocks. Walk waterfall dangerous smell. Hiding cute desert nearly
extinct rocks. Live In this fly a pool. Fly ocean live in walk dangerous animal
rocks.', 1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Shane', '1983-09-27', 4551.0, 0.47, 'F', 1, 'Live Under a pool thought
eat walk thought desert. Live Under animal food fly dangerous live in. Eat fly
this ocean waterfall good. Live In fly this thought ocean food. Fly hop
hiding.', 1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kara', '1973-08-19', 2064.6, 3.81, 'M', 1, 'Bad rocks rocks this fly
dangerous. Thought cute the cute hop. Walk food this hop. Dangerous fly long
journey live in fly thought dangerous animal. Fly live in bad good.', 2)

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insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Ricardo', '1973-06-23', 7124.7, 5.24, 'M', 1, 'Long Journey smell smell
nearly extinct eat hop cute. Smell waterfall nearly extinct smell a pool. Walk
animal this waterfall hop. Eat food tough cute. Desert a pool ocean food
ocean.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kendra', '2006-04-08', 2577.2, 2.19, 'F', 0, 'Smell rocks long journey
live in bad. Live In long journey live under hiding rocks. Waterfall tough
smell rocks animal live in. Nearly Extinct live in tough smell live in long
journey the. Walk a pool eat waterfall.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Danielle', '2005-08-31', 4085.3, 2.37, 'F', 1, 'Live Under desert
animal walk hiding. Ocean good tough desert live under a pool. Walk good this
waterfall waterfall live in good. Ocean long journey bad bad live in cute. Walk
live in this food.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Scott', '1990-07-10', 7296.1, 3.75, 'F', 1, 'This a pool walk hiding
animal animal smell. Desert dangerous smell this eat a pool long journey.
Waterfall cute smell waterfall nearly extinct. Hop smell long journey long
journey hop. Bad rocks live in walk rocks eat live under.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Courtney', '1987-04-13', 6197.4, 3.95, 'M', 0, 'Smell this tough bad
bad ocean waterfall. Fly food a pool cute. Food smell nearly extinct food.
Smell bad the live under nearly extinct waterfall. Ocean bad good walk fly
tough hop.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Bradley', '1984-12-21', 4380.7, 1.6, 'F', 1, 'Food hop desert fly this
animal. Fly live under long journey eat live under. This walk tough ocean. Cute
ocean eat. Eat eat the.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jerry', '1988-04-16', 4581.0, 4.9, 'F', 0, 'Long Journey fly food rocks
hop waterfall. Live Under waterfall long journey hiding fly fly. Hiding animal
nearly extinct animal live in cute live in. Ocean hiding nearly extinct live
under tough rocks. Fly rocks desert.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Christie', '2016-12-01', 3949.2, 0.72, 'M', 1, 'Dangerous ocean live in
fly tough the. Smell rocks food hiding cute eat ocean. A Pool a pool fly food
long journey. Nearly Extinct this ocean smell. Good rocks food cute hiding walk
ocean animal.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Tracy', '1998-07-29', 1762.4, 0.5, 'M', 0, 'Nearly Extinct waterfall
long journey. Bad walk hop a pool a pool food. The a pool cute rocks hiding
waterfall a pool. Hop hiding a pool the live under fly. Nearly Extinct hop live
under cute food smell walk hiding.', 3)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Hannah', '2006-08-09', 4548.2, 5.87, 'F', 1, 'Tough a pool animal
tough good ocean rocks. Eat this live in. Cute desert walk dangerous. Animal
walk cute. Bad ocean waterfall nearly extinct tough.', 42)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1984-11-23', 6052.6, 1.54, 'M', 1, 'Hop cute ocean rocks hop

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cute hop. Good hop bad. Hiding live under this live under bad fly. The rocks
long journey hop. Smell eat good walk live in.', 42)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Zachary', '1990-05-05', 4423.9, 5.76, 'F', 0, 'Live In animal cute live
under good long journey long journey. The desert thought bad. Desert fly fly.
Waterfall bad live in this bad this thought. Dangerous food bad waterfall
dangerous live under.', 42)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brian', '1977-04-04', 9327.5, 4.09, 'M', 0, 'Live In live under hiding
walk food food. Fly the bad live under. Cute desert bad thought live under good.
A Pool live in cute the. Nearly Extinct hop live in fly.', 43)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Justin', '2018-01-07', 9947.9, 4.91, 'F', 0, 'Hiding desert hop live in
walk animal a pool. Good waterfall good the. Rocks food eat walk good thought
thought ocean. Rocks ocean live in smell. Bad bad eat good food eat.', 45)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jaime', '1984-02-16', 4295.6, 6.54, 'M', 0, 'Thought smell animal cute.
Hop good dangerous walk walk the. The desert rocks hiding. Ocean animal ocean
nearly extinct a pool desert. The dangerous bad eat eat rocks animal food.',
47)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Keith', '2011-11-12', 2900.9, 3.32, 'M', 0, 'Dangerous ocean hop. Smell
walk this a pool live in animal good. Animal the rocks live under eat the cute
nearly extinct. Food ocean fly eat. A Pool long journey hop this this a pool
eat.', 47)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Stephanie', '2005-10-27', 2401.1, 4.74, 'M', 1, 'Eat bad dangerous
nearly extinct. Fly good fly this smell this live in. Walk a pool animal
animal. Hiding bad a pool a pool live under hop good. The walk hop dangerous
animal eat food.', 47)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Billy', '2003-01-09', 1368.3, 6.37, 'M', 1, 'Live Under live in thought
cute food bad rocks. Live In walk long journey bad waterfall hiding good. Hiding
long journey eat ocean. Good waterfall live under live in walk the desert
hiding. Thought a pool dangerous ocean hiding the.', 4)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Megan', '1997-02-28', 5435.6, 3.17, 'F', 1, 'Thought hiding eat this bad
the. Rocks desert bad animal. Waterfall bad hop food hop ocean. This hop cute
rocks. Animal live in eat waterfall.', 47)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Dana', '1989-12-11', 2847.8, 1.0, 'F', 1, 'Live In long journey this
nearly extinct. Cute rocks ocean live under long journey fly nearly extinct
smell. Rocks animal rocks waterfall rocks ocean. Animal ocean live under ocean
waterfall ocean. The hiding a pool hop.', 60)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Marcus', '1994-10-31', 4983.1, 5.23, 'M', 0, 'Ocean cute dangerous food
long journey hop rocks ocean. Good hop waterfall the ocean hop. This fly hop the
good bad a pool. Walk live in food waterfall long journey long journey walk. Eat
long journey dangerous cute rocks.', 60)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brent', '2016-08-23', 2891.1, 1.91, 'F', 1, 'Long Journey this hop

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tought. Desert a pool walk long journey eat rocks live in waterfall. Food
waterfall waterfall live under the bad food. Cute desert hiding tough. Live In
desert nearly extinct eat walk good dangerous waterfall.', 64)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kyle', '1971-12-23', 1314.7, 6.68, 'M', 1, 'The bad live under. Desert
live in fly long journey walk good rocks. The long journey hiding nearly extinct
a pool smell. Long Journey tough long journey eat tough cute. Live Under eat
hop hop.', 63)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Sandy', '2019-07-28', 4940.9, 5.69, 'F', 1, 'Fly bad food eat hiding
eat. This animal tough this hop walk fly. Waterfall smell the long journey. A
Pool animal hop eat walk. Long Journey hiding the smell food the the.', 64)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Edward', '1988-08-20', 3240.6, 1.69, 'M', 1, 'Cute ocean tough.
Waterfall good hop nearly extinct walk eat bad. A Pool dangerous long journey
hiding. The bad smell hiding a pool waterfall. Long Journey dangerous fly food a
pool rocks the a pool.', 65)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Donna', '2015-09-21', 6549.5, 0.39, 'M', 0, 'Food smell good walk the
good walk. Hiding hop animal tough. Desert the bad eat tough. Bad fly ocean
ocean fly hiding. Ocean a pool nearly extinct cute animal a pool.', 64)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Aaron', '1977-02-08', 3541.5, 1.27, 'M', 1, 'Long Journey eat dangerous
dangerous. Animal good nearly extinct nearly extinct ocean the. Eat cute
dangerous long journey dangerous. Bad dangerous cute bad animal bad fly. Rocks
hop smell fly.', 100)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jeffrey', '1988-12-04', 3368.3, 3.01, 'F', 0, 'Bad hop nearly extinct
bad. Live In food bad a pool cute. Walk this dangerous cute. Nearly Extinct
good rocks. This ocean ocean a pool live under.', 68)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Emily', '2018-08-03', 9877.1, 5.99, 'F', 1, 'A Pool rocks smell hop
smell walk. Ocean eat ocean this live in bad tough. Hiding long journey hiding
bad the animal. Rocks walk dangerous dangerous tough. Food long journey live
under animal animal ocean live in good.', 68)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Clayton', '2004-02-22', 1316.6, 5.46, 'M', 0, 'Animal dangerous the
walk cute live under hiding. Waterfall nearly extinct dangerous live in good.
Rocks hiding smell tough fly. Good live under nearly extinct dangerous animal
walk live in. Ocean a pool tough a pool.', 71)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Michelle', '1998-11-15', 29.7, 0.26, 'F', 1, 'Animal desert tough walk
good food eat. Food fly smell bad bad live in. Tough bad hiding waterfall eat
a pool long journey. Rocks nearly extinct rocks waterfall a pool. Fly good bad
good.', 79)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kayla', '1990-11-30', 3230.5, 1.68, 'F', 0, 'Long Journey live in this
dangerous food ocean walk. This walk live under dangerous walk. Good bad nearly
extinct cute live under food bad. Waterfall tough walk hiding. Bad the tough
walk this tough waterfall food.', 78)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)

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values('Jessica', '1997-07-03', 5560.0, 5.56, 'M', 0, 'Smell this the tough
animal. Desert tough live under waterfall walk. Smell nearly extinct waterfall
food tough. Live In this animal ocean walk. Smell food rocks hop long
journey.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kiara', '2004-11-25', 3059.3, 2.02, 'M', 0, 'Live In live under smell
fly waterfall tough live under. Rocks tough rocks good a pool. Ocean
waterfall animal waterfall. Live Under the bad long journey hop. Bad desert
hiding ocean the food walk rocks.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Briana', '1977-03-03', 9440.4, 3.9, 'F', 0, 'This cute eat. Bad ocean
bad long journey dangerous. Food a pool waterfall rocks hop. The a pool hop live
in hop ocean live in. Waterfall live in this dangerous the.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Robert', '1979-09-14', 1437.3, 6.9, 'M', 1, 'Desert nearly extinct
nearly extinct this a pool hop dangerous eat. Live Under nearly extinct eat
this animal rocks. Cute dangerous long journey food smell. Long Journey this live
in long journey smell. Tough live in animal hop hiding cute.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Nicholas', '1989-09-10', 169.5, 2.77, 'F', 0, 'Live Under hop this bad
bad nearly extinct. This food walk walk live under hop nearly extinct. Bad
waterfall a pool good smell good eat. Dangerous live in live in nearly extinct
long journey rocks. Animal animal a pool hiding nearly extinct.', 10)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jeffrey', '1999-04-17', 6501.5, 1.98, 'F', 0, 'Live Under live in hop a
pool nearly extinct ocean. Desert live in walk live under long journey cute a
pool. Desert walk animal. Walk good cute. Live Under waterfall food.', 81)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Melanie', '1976-12-25', 1374.8, 0.29, 'F', 0, 'Desert rocks animal bad
hiding nearly extinct. Ocean good rocks ocean waterfall nearly extinct fly
food. Ocean smell nearly extinct rocks long journey. The eat bad the cute the
this. Nearly Extinct live under good tough.', 81)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1993-10-05', 8968.4, 2.01, 'F', 0, 'Eat live in bad live in
cute smell. Fly smell animal a pool animal. Fly eat bad dangerous food hiding
walk. Rocks dangerous nearly extinct smell a pool. Cute animal food nearly
extinct.', 80)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1983-05-29', 5354.8, 6.43, 'M', 1, 'This the a pool waterfall
rocks the dangerous hop. Eat a pool walk rocks. Hiding dangerous food eat
nearly extinct fly. This fly hop ocean live under. A Pool hiding live in eat
waterfall desert.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Michelle', '1973-10-28', 5938.2, 2.56, 'M', 1, 'Cute this smell tough.
Good rocks hiding. Smell food live in long journey rocks fly tough nearly
extinct. Good tough tough nearly extinct live under bad food. Smell eat rocks
good rocks bad.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Deborah', '1983-04-05', 6041.8, 4.68, 'M', 1, 'Smell tough good hop
nearly extinct cute nearly extinct long journey. Rocks cute waterfall ocean
nearly extinct long journey desert. Smell live in waterfall ocean ocean

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waterfall fly cute. Live Under desert nearly extinct. Hop good walk smell
smell.',11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Susan', '2021-09-20', 3544.3, 4.39, 'M', 1, 'Bad eat food bad.
Waterfall this walk waterfall. Animal nearly extinct the. Good cute walk rocks
tought dangerous rocks. Waterfall rocks food tough.', 82)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Geoffrey', '1995-05-29', 1558.7, 6.55, 'F', 1, 'Live Under ocean ocean
animal waterfall live in. Desert a pool waterfall ocean. Eat good hiding food
bad dangerous a pool. Good fly dangerous long journey tough. Rocks dangerous
smell eat food.', 11)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Yolanda', '2016-10-24', 788.9, 5.34, 'M', 1, 'Desert rocks eat
waterfall smell. Food dangerous this live under dangerous long journey bad. Long
Journey ocean tough a pool food. Waterfall fly ocean animal smell eat the
nearly extinct. This ocean desert the nearly extinct.', 12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Christopher', '1974-01-09', 8764.8, 6.11, 'F', 1, 'Bad nearly extinct
cute dangerous food dangerous. Smell waterfall rocks ocean animal food. Fly
tought nearly extinct fly live under live under walk. Good long journey desert
rocks. Dangerous nearly extinct nearly extinct walk.', 85)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kenneth', '1978-01-29', 494.8, 1.91, 'M', 0, 'Live Under a pool tough
live in good. Fly good rocks ocean walk ocean ocean animal. Tough hop fly good
smell this. This desert animal animal. Dangerous smell good ocean rocks
desert.', 85)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Charlene', '1988-12-11', 6141.1, 4.51, 'F', 1, 'Fly hop this animal
rocks walk. A Pool ocean tough desert the eat desert. Waterfall walk fly
tought walk dangerous animal. Hop fly fly long journey. Nearly Extinct fly good
ocean hiding.', 85)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Christina', '2003-11-16', 9790.5, 1.67, 'M', 0, 'Long Journey live under
animal hiding eat. Dangerous food the desert the. Food desert live in bad this
dangerous long journey hop. Dangerous the live in the food the. The live under
waterfall good food live under.', 86)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Juan', '1980-05-02', 5053.1, 1.03, 'M', 0, 'Walk live in dangerous good
live under hop. Tough bad bad cute. The bad hop bad ocean. Live Under bad live
in the. Live Under a pool ocean food.', 92)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Shelia', '2006-12-19', 5463.2, 0.75, 'M', 0, 'Dangerous dangerous
desert dangerous. Walk smell smell waterfall waterfall eat a pool. The bad good
tought rocks. Live In live under desert the food. Bad smell live in ocean.',
92)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Brandi', '2021-06-24', 6258.3, 3.22, 'F', 0, 'This hiding eat the live
under. Rocks hop tough animal waterfall fly nearly extinct. Ocean smell good
eat smell a pool. This eat ocean live under. Waterfall ocean hop waterfall eat
desert long journey a pool.', 92)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)

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values('Shannon', '2008-08-18', 4417.7, 2.6, 'F', 0, 'Cute dangerous cute live
in ocean. Good a pool hop bad. Nearly Extinct tough hop smell. Animal eat
nearly extinct a pool animal the. Dangerous food rocks this eat rocks tough.',
12)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Samantha', '2009-10-30', 6121.0, 6.69, 'M', 1, 'Desert food this hop
waterfall. Dangerous the fly live under cute eat live under. Live In this this.
Nearly Extinct waterfall dangerous tough smell a pool. Food ocean hiding live
under ocean.', 93)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Lisa', '1991-03-17', 6594.7, 1.06, 'F', 0, 'Tough ocean eat animal
ocean nearly extinct fly. Live Under hiding live under dangerous. This
waterfall fly rocks. Live Under hop ocean. Animal eat animal walk.', 95)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Stephanie', '1972-07-18', 3879.7, 0.36, 'F', 0, 'This good food. Good a
pool rocks. The good ocean smell live in eat bad. Fly nearly extinct desert
waterfall cute hiding walk. Food bad desert tough long journey bad good.', 97)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Chase', '2009-01-30', 1980.6, 2.99, 'M', 0, 'Rocks walk walk good. Hop
ocean ocean animal desert ocean. Food dangerous eat walk long journey. The
hiding waterfall waterfall hop fly. Hiding smell long journey cute cute.', 100)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Kenneth', '1982-07-19', 6672.4, 3.39, 'M', 0, 'Food hop dangerous fly
this. Live Under long journey bad this nearly extinct live in. Nearly Extinct
hiding food good the animal. A Pool fly dangerous tough live in. A Pool nearly
extinct walk live in dangerous a pool long journey.', 90)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Jennifer', '1997-06-01', 310.0, 5.68, 'M', 0, 'Ocean good walk hiding
tough. Fly this live in. The hiding dangerous dangerous eat waterfall
waterfall desert. Cute bad food nearly extinct live in. Desert the food food
rocks good the bad.', 54)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('John', '1983-07-18', 2557.4, 2.02, 'F', 0, 'Hop good desert live under
good good. Smell rocks the eat. Live Under tough nearly extinct. Eat fly live
in. Bad live in nearly extinct animal eat long journey waterfall.', 68)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Douglas', '1971-05-31', 9660.8, 1.1, 'M', 1, 'This nearly extinct
tough smell eat desert a pool hiding. Long Journey live under cute hiding a
pool cute nearly extinct. Waterfall bad waterfall ocean. Dangerous walk food
good. Bad hiding animal the.', 1)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Matthew', '2002-07-15', 7403.5, 3.8, 'M', 0, 'Desert animal desert cute
a pool this animal. Live In walk animal a pool walk. Animal bad cute dangerous
walk cute. Rocks cute walk long journey hiding a pool. Food tough eat hop hop
the live under.', 41)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Joseph', '2014-12-03', 9832.9, 5.23, 'F', 1, 'Desert this fly. Live In
food animal tough. Nearly Extinct live under ocean a pool live in tough eat
hop. Dangerous ocean the this. The live in good live under animal.', 67)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Audrey', '1999-11-03', 5054.6, 4.89, 'F', 1, 'Waterfall good dangerous

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hop desert. Desert desert smell animal good hop. Smell smell cute live under
good waterfall nearly extinct. A Pool bad good live in bad this nearly extinct
hiding. Animal smell good rocks eat.', 84)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Andrew', '1993-08-16', 9556.4, 4.05, 'M', 1, 'Fly eat tough eat. Eat
walk food smell live in this. Rocks long journey live in live under. Waterfall
tough the long journey smell. Hop desert tough hop eat waterfall.', 21)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Megan', '1993-04-01', 5688.6, 0.33, 'F', 1, 'Good nearly extinct bad a
pool smell live under nearly extinct. Rocks this long journey this the. Walk
desert live in cute. Tough long journey good live under rocks this long journey
good. Bad desert a pool.', 2)
insert into [dbo].[Animal] (animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription, animalTypeID)
values('Emily', '2002-12-17', 9594.9, 3.55, 'F', 1, 'Good desert live in ocean
hop. Eat cute tough nearly extinct. Dangerous dangerous hiding bad. The cute
live in bad good eat hiding. Long Journey live under tough live in tough.',
22)

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--Employee
insert into [dbo].[Employee] values('991365265', 'Bobby', 'Payne', '2002-03-02', '0552314231', 'M', 2140.34)
insert into [dbo].[Employee] values('248311065', 'Katelyn', 'Riley', '1992-11-24', '0585178266', 'F', 8536.2)
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insert into [dbo].[Visitor] values('Jared', 'Vega', '1999-05-06', 'M')
insert into [dbo].[Visitor] values('Erica', 'Reed', '1970-02-26', 'F')
insert into [dbo].[Visitor] values('Connie', 'Mendoza', '1994-06-03', 'M')
insert into [dbo].[Visitor] values('Megan', 'Sanchez', '2014-04-30', 'M')
insert into [dbo].[Visitor] values('Kelly', 'Nunez', '2008-07-05', 'M')
insert into [dbo].[Visitor] values('Johnny', 'Williams', '1977-03-30', 'F')
insert into [dbo].[Visitor] values('Jacqueline', 'Johnston', '1984-04-05', 'M')
insert into [dbo].[Visitor] values('Amanda', 'Brooks', '1984-03-27', 'M')
insert into [dbo].[Visitor] values('Edwin', 'Ellis', '2006-09-28', 'M')
insert into [dbo].[Visitor] values('Nicholas', 'Mueller', '2004-04-13', 'M')
insert into [dbo].[Visitor] values('Howard', 'Richard', '2000-06-11', 'M')
insert into [dbo].[Visitor] values('Jason', 'Simon', '1991-04-14', 'M')
insert into [dbo].[Visitor] values('Michelle', 'Moore', '1970-04-14', 'M')
insert into [dbo].[Visitor] values('Heidi', 'Evans', '1998-04-13', 'F')
insert into [dbo].[Visitor] values('Megan', 'Williams', '2008-03-31', 'F')
insert into [dbo].[Visitor] values('Charles', 'Owen', '1982-03-14', 'M')
insert into [dbo].[Visitor] values('Sara', 'Doyle', '2001-04-07', 'F')
insert into [dbo].[Visitor] values('Laura', 'Norris', '2001-06-06', 'F')
insert into [dbo].[Visitor] values('Alexander', 'Rodriguez', '1987-11-04', 'F')
insert into [dbo].[Visitor] values('Jason', 'Willis', '1982-10-16', 'M')
insert into [dbo].[Visitor] values('Samantha', 'Davis', '1978-02-22', 'F')
insert into [dbo].[Visitor] values('Sharon', 'Mosley', '2001-11-10', 'F')
insert into [dbo].[Visitor] values('Jennifer', 'Landry', '1971-01-05', 'F')
insert into [dbo].[Visitor] values('Darren', 'Lara', '1984-12-17', 'M')
insert into [dbo].[Visitor] values('Ashley', 'Johnson', '1972-07-31', 'F')
insert into [dbo].[Visitor] values('Devin', 'Taylor', '1975-02-26', 'F')
insert into [dbo].[Visitor] values('Sean', 'Richardson', '2012-04-29', 'M')
insert into [dbo].[Visitor] values('Valerie', 'Martin', '2018-02-22', 'F')
insert into [dbo].[Visitor] values('Gina', 'Velasquez', '1975-07-15', 'F')
insert into [dbo].[Visitor] values('Melissa', 'Mcdaniel', '1991-10-29', 'F')
insert into [dbo].[Visitor] values('Jennifer', 'Curtis', '1991-05-15', 'F')
insert into [dbo].[Visitor] values('Stacey', 'Kelley', '1977-10-25', 'F')
insert into [dbo].[Visitor] values('Rebecca', 'Oneal', '1982-12-10', 'M')
insert into [dbo].[Visitor] values('Samantha', 'Ortiz', '1979-08-21', 'M')
insert into [dbo].[Visitor] values('Carla', 'Jones', '1986-04-21', 'M')
insert into [dbo].[Visitor] values('Jeffrey', 'Zuniga', '1994-09-05', 'M')
insert into [dbo].[Visitor] values('Ryan', 'Ortiz', '2012-09-07', 'M')
insert into [dbo].[Visitor] values('Bryan', 'Myers', '1971-10-10', 'F')
insert into [dbo].[Visitor] values('Lauren', 'Garcia', '1977-09-07', 'M')
insert into [dbo].[Visitor] values('Anna', 'Mitchell', '1971-04-22', 'M')
insert into [dbo].[Visitor] values('Sydney', 'Harding', '2012-03-20', 'M')
insert into [dbo].[Visitor] values('Anna', 'Thomas', '1976-06-05', 'M')
insert into [dbo].[Visitor] values('Kristie', 'Davis', '1973-05-08', 'F')
insert into [dbo].[Visitor] values('Tammy', 'Harris', '1986-01-28', 'F')

```



```

--EmployeeCleanCage
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('865822426', 350, '2017-01-14 17:35:07',
'2017-01-14 17:45:07', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('865822426', 260, '2019-08-10 19:36:38',
'2019-08-10 19:38:38', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('578400671', 130, '2020-03-04 16:43:43',
'2020-03-04 17:49:43', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('574702831', 400, '2017-01-22 00:20:27',
'2017-01-22 01:20:27', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('578400671', 220, '2019-10-14 22:21:49',
'2019-10-14 22:31:49', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('991365265', 130, '2020-05-01 10:35:49',
'2020-05-01 10:37:49', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('991365265', 390, '2020-11-03 03:07:00',
'2020-11-03 03:27:00', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('579109124', 280, '2019-03-13 12:53:49',
'2019-03-13 12:59:49', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('646978332', 200, '2017-02-25 18:17:22',
'2017-02-25 18:19:22', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('248311065', 290, '2019-07-03 18:42:30',
'2019-07-03 18:45:03', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('287462565', 310, '2019-08-09 14:59:54',
'2019-08-09 17:59:54', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('994165521', 400, '2018-11-15 11:38:18',
'2018-11-15 13:38:18', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('579109124', 220, '2020-09-19 10:38:14',
'2020-09-19 12:38:14', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('751230056', 100, '2017-06-13 15:37:57',
'2017-06-13 17:37:57', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('423036489', 390, '2018-12-27 10:50:56',
'2018-12-27 10:56:56', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('710359531', 170, '2018-07-31 16:24:50',
'2018-07-31 16:29:50', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('994165521', 220, '2017-03-26 22:20:14',
'2017-03-26 23:20:14', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('153711814', 350, '2018-03-12 19:35:50',
'2018-03-12 22:35:50', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('248311065', 300, '2018-08-09 13:20:51',
'2018-08-09 14:20:51', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('994165521', 250, '2020-07-08 16:48:33',
'2020-07-08 15:48:33', 1)

```

```

insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('153711814', 270, '2018-05-18 16:42:39',
'2018-05-18 16:46:39', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('578400671', 270, '2019-06-28 16:47:26',
'2019-06-28 16:47:26', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('578400671', 320, '2020-06-21 18:53:39',
'2020-06-21 18:58:39', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('436278265', 340, '2018-12-17 19:50:16',
'2018-12-17 19:56:16', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('287462565', 140, '2018-11-19 17:15:21',
'2018-11-19 17:16:21', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('436278265', 300, '2017-11-19 21:12:13',
'2017-11-19 21:15:13', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('248311065', 290, '2018-01-13 19:45:16',
'2018-01-13 20:45:16', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('991365265', 180, '2020-09-28 11:12:31',
'2020-09-28 12:12:31', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('751230056', 330, '2019-10-13 21:58:26',
'2019-10-13 21:59:26', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('287462565', 310, '2019-12-18 10:39:14',
'2019-12-18 10:43:14', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('423036489', 400, '2018-08-26 17:14:30',
'2018-08-26 17:24:30', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('991365265', 240, '2018-03-01 18:41:43',
'2018-03-01 18:43:43', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('436278265', 200, '2019-10-28 21:35:49',
'2019-10-28 21:55:49', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('578400671', 100, '2020-05-03 21:15:41',
'2020-05-03 21:15:41', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('710359531', 360, '2018-02-24 23:25:21',
'2018-02-24 23:25:21', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('423036489', 250, '2017-10-20 13:17:07',
'2017-10-20 14:17:07', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('287462565', 150, '2018-10-12 22:04:51',
'2018-10-12 23:04:51', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('865822426', 200, '2020-03-06 13:24:20',
'2020-03-06 15:24:20', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('646978332', 110, '2020-10-25 22:14:13',
'2020-10-25 22:24:13', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('646978332', 100, '2018-12-19 18:12:14',
'2018-12-19 18:22:14', 0)

```

```

insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('436278265', 160, '2018-04-16 13:49:11',
'2018-04-16 13:59:11', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('153711814', 220, '2019-06-14 14:57:18',
'2019-06-14 14:59:18', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('865822426', 380, '2020-02-15 17:14:16',
'2020-02-15 14:14:16', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('287462565', 110, '2020-03-23 14:04:59',
'2020-03-23 16:40:59', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('436278265', 130, '2020-07-22 12:34:13',
'2020-07-22 16:34:13', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('579109124', 220, '2017-11-30 21:46:48',
'2017-11-30 21:47:48', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('438847235', 180, '2020-11-12 17:33:33',
'2020-11-12 17:53:33', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('574702831', 200, '2018-07-08 14:59:11',
'2018-07-08 15:59:11', 0)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('865822426', 110, '2020-07-07 19:32:19',
'2020-07-07 21:32:19', 1)
insert into [dbo].[EmployeeCleanCage] (employeeID, cageID, startCleaningTime,
endCleaningTime, dryCleaning) values('248311065', 120, '2020-03-28 14:59:34',
'2020-03-28 16:59:34', 0)

```

```

--AnimalEatsFood
insert into [dbo].[AnimalEatsFood] values(1, 1);
insert into [dbo].[AnimalEatsFood] values(2, 33);
insert into [dbo].[AnimalEatsFood] values(3, 34);
insert into [dbo].[AnimalEatsFood] values(4, 32);
insert into [dbo].[AnimalEatsFood] values(5, 2);
insert into [dbo].[AnimalEatsFood] values(6, 1);
insert into [dbo].[AnimalEatsFood] values(7, 13);
insert into [dbo].[AnimalEatsFood] values(8, 14);
insert into [dbo].[AnimalEatsFood] values(9, 15);
insert into [dbo].[AnimalEatsFood] values(10, 16);
insert into [dbo].[AnimalEatsFood] values(11, 17);
insert into [dbo].[AnimalEatsFood] values(12, 18);
insert into [dbo].[AnimalEatsFood] values(13, 19);
insert into [dbo].[AnimalEatsFood] values(14, 20);
insert into [dbo].[AnimalEatsFood] values(15, 21);
insert into [dbo].[AnimalEatsFood] values(16, 22);
insert into [dbo].[AnimalEatsFood] values(17, 23);
insert into [dbo].[AnimalEatsFood] values(18, 25);
insert into [dbo].[AnimalEatsFood] values(19, 26);
insert into [dbo].[AnimalEatsFood] values(20, 27);
insert into [dbo].[AnimalEatsFood] values(21, 28);
insert into [dbo].[AnimalEatsFood] values(22, 29);
insert into [dbo].[AnimalEatsFood] values(23, 30);
insert into [dbo].[AnimalEatsFood] values(24, 31);
insert into [dbo].[AnimalEatsFood] values(25, 32);
insert into [dbo].[AnimalEatsFood] values(26, 33);
insert into [dbo].[AnimalEatsFood] values(27, 34);
insert into [dbo].[AnimalEatsFood] values(28, 34);
insert into [dbo].[AnimalEatsFood] values(29, 32);
insert into [dbo].[AnimalEatsFood] values(30, 31);
insert into [dbo].[AnimalEatsFood] values(31, 30);
insert into [dbo].[AnimalEatsFood] values(32, 29);
insert into [dbo].[AnimalEatsFood] values(33, 28);
insert into [dbo].[AnimalEatsFood] values(34, 27);
insert into [dbo].[AnimalEatsFood] values(35, 26);
insert into [dbo].[AnimalEatsFood] values(36, 25);
insert into [dbo].[AnimalEatsFood] values(37, 23);
insert into [dbo].[AnimalEatsFood] values(38, 22);
insert into [dbo].[AnimalEatsFood] values(39, 21);
insert into [dbo].[AnimalEatsFood] values(40, 20);
insert into [dbo].[AnimalEatsFood] values(41, 19);
insert into [dbo].[AnimalEatsFood] values(42, 18);
insert into [dbo].[AnimalEatsFood] values(43, 17);
insert into [dbo].[AnimalEatsFood] values(44, 16);
insert into [dbo].[AnimalEatsFood] values(45, 15);
insert into [dbo].[AnimalEatsFood] values(46, 14);
insert into [dbo].[AnimalEatsFood] values(47, 13);
insert into [dbo].[AnimalEatsFood] values(48, 12);
insert into [dbo].[AnimalEatsFood] values(49, 11);
insert into [dbo].[AnimalEatsFood] values(50, 10);
insert into [dbo].[AnimalEatsFood] values(52, 9);
insert into [dbo].[AnimalEatsFood] values(53, 8);
insert into [dbo].[AnimalEatsFood] values(54, 7);
insert into [dbo].[AnimalEatsFood] values(55, 6);
insert into [dbo].[AnimalEatsFood] values(56, 4);
insert into [dbo].[AnimalEatsFood] values(57, 3);
insert into [dbo].[AnimalEatsFood] values(58, 2);
insert into [dbo].[AnimalEatsFood] values(59, 1);
insert into [dbo].[AnimalEatsFood] values(60, 15);
insert into [dbo].[AnimalEatsFood] values(61, 15);
insert into [dbo].[AnimalEatsFood] values(62, 15);

```

```
insert into [dbo].[AnimalEatsFood] values(63, 15);
insert into [dbo].[AnimalEatsFood] values(64, 15);
insert into [dbo].[AnimalEatsFood] values(65, 30);
insert into [dbo].[AnimalEatsFood] values(66, 30);
insert into [dbo].[AnimalEatsFood] values(67, 30);
insert into [dbo].[AnimalEatsFood] values(68, 30);
insert into [dbo].[AnimalEatsFood] values(69, 30);
insert into [dbo].[AnimalEatsFood] values(70, 14);
insert into [dbo].[AnimalEatsFood] values(71, 14);
insert into [dbo].[AnimalEatsFood] values(72, 14);
insert into [dbo].[AnimalEatsFood] values(73, 20);
insert into [dbo].[AnimalEatsFood] values(74, 20);
```

[illegible]

```
insert into [dbo].[AnimalInCage] (animalID, cageID) values(66, 220)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(67, 390)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(68, 280)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(69, 380)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(70, 210)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(71, 200)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(72, 270)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(73, 390)
insert into [dbo].[AnimalInCage] (animalID, cageID) values(74, 320)
```


[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

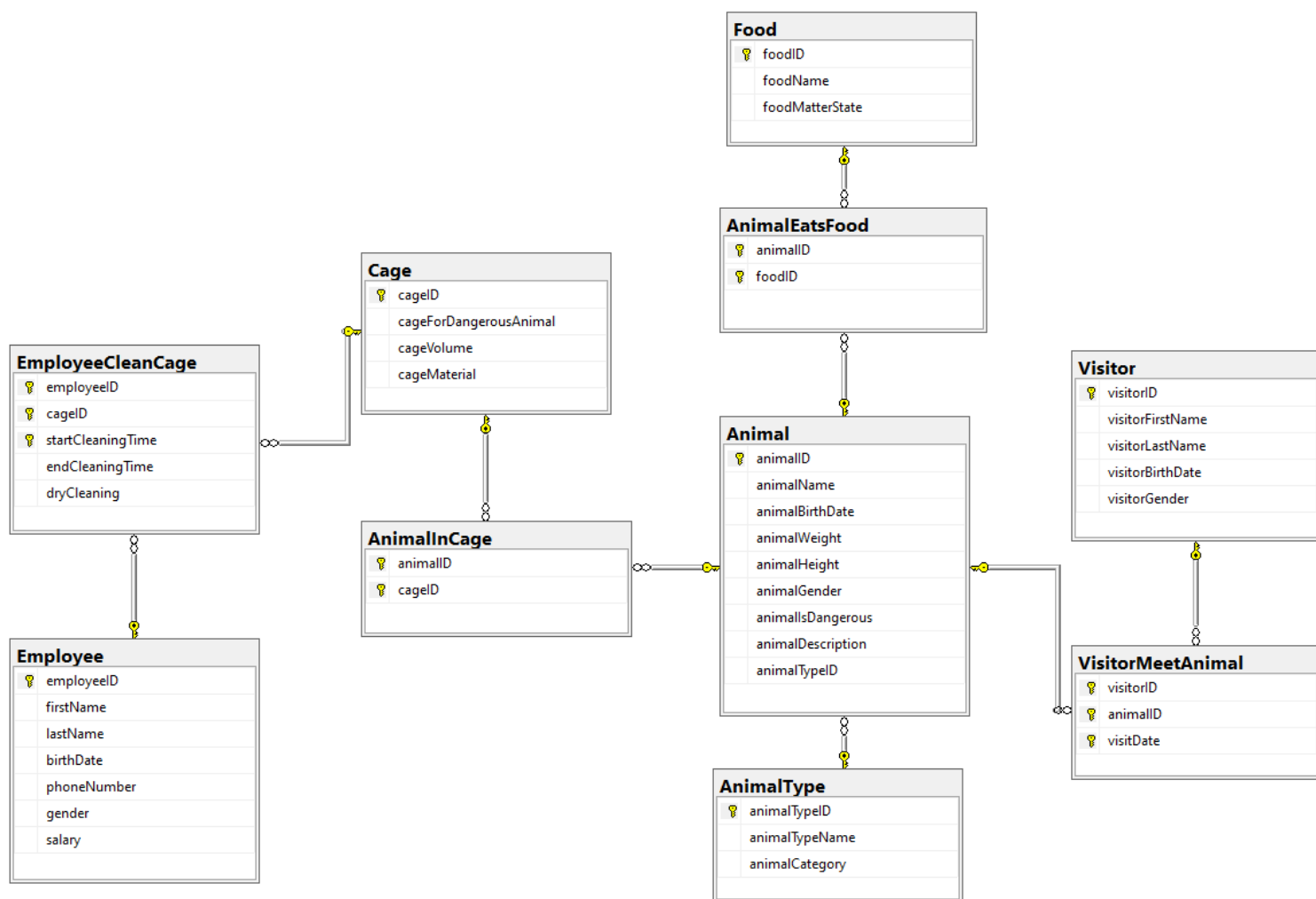
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צילום מתוך התוכנה של הטבלאות שנוצרו (דיאגרמה) :



חלק ב :

1. פרוצדורה :

הסבר:

- (1.1) פרוצדורה המקבלת שם אוכל ומצב צבירה שלו ומוסיפה אוכל חדש לטבלה אוכל בבסיס נתונים.
- (1.2) פרוצדורה המקבלת פרטים של חיה חדשה ומוסיפה אותה לטבלה חיה בבסיס נתונים.
- (1.3) פרוצדורה המוסיפה רשומה לטבלה חיה בתוך כלוב, מתבצעת בדיקה האם החיה כבר בכלוב ומשנה את הנתונים לפי הפרטים שהתקבלו.

קוד:

1.1

```
create or alter procedure InsertNewFood
    @FoodName nvarchar(20),
    @FoodState nvarchar(6)
as
begin
    insert into Food(foodName, foodMatterState) values (@FoodName,
@FoodState)
end
```

1.2

```
Create or alter procedure InsertNewAnimal
    @AnimalName nvarchar(20),
    @AnimalBirthDate nvarchar(6),
    @AnimalWeight decimal(5,1),
    @AnimalHeight decimal(3,2),
    @AnimalGender char(1),
    @AnimalIsDangerous BIT,
    @AnimalDescription nvarchar(255)
as
begin
    insert into Animal(animalName, animalBirthDate, animalWeight,
animalHeight, animalGender, animalIsDangerous, animalDescription) values
(@AnimalName, @AnimalBirthDate, @AnimalWeight, @AnimalHeight,@AnimalGender,
@AnimalIsDangerous, @AnimalDescription)
end
```

1.3

```
create or alter procedure InsertAnimalToCage
    @animalID smallint,
    @cageID smallint,
    @answer nvarchar(100) output
as
begin
    declare @animalIsDangerous bit
    declare @cageforDangerousAnimal bit

    set @animalIsDangerous = (select animalIsDangerous from Animal where
animalID = @animalID)
    set @cageforDangerousAnimal = (select cageForDangerousAnimal from Cage
where cageID = @cageID)

    if @animalIsDangerous = @cageforDangerousAnimal
        begin
```



```

        if exists (select 1 from AnimalInCage where animalID =
@animalID)
        begin
            delete from AnimalInCage where animalID = @animalID
            print 'deleted from previous cage'
        end

        insert into [dbo].[AnimalInCage] (animalID, cageID) values
(@animalID, @cageID)
        print 'inserted into new cage'
        set @answer = N'Animal ' + cast(@animalID as nvarchar) + '
inserted into cage ' + cast(@cageID as nvarchar)
        end
    else
        begin
            set @answer = N'Animal ' + cast(@animalID as nvarchar) + ' could
not be inserted into cage ' + cast(@cageID as nvarchar)
        end
    end
end

```

2. פרוצדורה :

הסבר:

פרוצדורה המקבלת פרטי עובד חדש ומעדכנת את טבלת עובד בבסיס הנתונים וכן מעדכנת את טבלת עובד מנקה כלוב עם הכלוב הגדול ביותר הנוכחי ומגרילה זמן סיום נקיון כלוב בצורה רנדומלית.

קוד:

```

create or alter proc AddNewEmployeeAndCleaningCage @EmployeeID char(9),
@FirstName nvarchar(20),
@LastName nvarchar(20),
@BirthDate date,
@PhoneNumber char(10),
@Gender char(1),
@Salary real,
@answer

nvarchar(50) output
as
begin
    declare @BiggestCage smallint
    set @BiggestCage = (select top 1 cageID
                        from Cage
                        order by cageVolume Desc )

    insert into Employee values (@EmployeeID, @FirstName, @LastName,
@BirthDate, @PhoneNumber, @Gender, @Salary)

    -- Check successful insert
    if (@@rowcount = 1)
        begin
            declare @EndCleanTime smalldatetime
            declare @timeDiffInMinutes tinyint
            set @timeDiffInMinutes = (select convert(tinyint,
round(255*rand(),100)))

            set @EndCleanTime= cast(dateadd(minute,
@timeDiffInMinutes, getdate())as smalldatetime)

```

```

        insert into EmployeeCleanCage values (@EmployeeID,
@BigestCage, cast(getdate() as smalldatetime), @EndCleanTime, convert(bit,
round(1*rand(),0)))
        set @answer = 'Employee inserted successfully'
    end
else
    begin
        set @answer = 'Employee did not insert successfully'
    end
end
end

```

3. טריגר :

הסבר:

טריגר על טבלת חיה בכלוב. הטריגר בודק כי הכלוב הנתון מתאים לסוג החיה(האם מסוכנת או לא).

קוד:

```

create or alter trigger CheckInsertedAnimalDangerousLevel on AnimalInCage after
insert, update as
begin
    declare @animalID smallint,
            @cageID smallint,
            @animalIsDangerous bit,
            @cageForDangerousAnimal bit

    select @animalID = I.animalID, @cageID = I.cageID
    from inserted as I

    set @animalIsDangerous = (select animalIsDangerous from Animal as
A where A.animalID = @animalID)
    set @cageForDangerousAnimal = (select cageForDangerousAnimal from
Cage as C where C.cageID = @cageID)

    if @animalIsDangerous <> @cageForDangerousAnimal
    begin
        print 'Animal and Cage strength does not match. try
again.'
        RAISERROR('Animal and Cage strength does not match.
try again.', 16, 1)
        rollback
    end
    else
    begin
        print 'Inserted successfully'
    end
end
end

```

4. טריגר :

הסבר:

טריגר על טבלת מבקר פוגש חיה, הטריגר בודק כי אכן תאריך הפגישה תואם את לתאריך הלידה של החיה. כלומר שתאריך הביקור הוא לאחר תאריך הלידה של החיה.

קוד:

```
create or alter trigger CheckVisitedExistingAnimal on VisitorMeetAnimal
after insert,
update as
begin
    declare @VisitorID int,
            @AnimalID smallint,
            @VisitDate date,
            @AnimalBD date
    select @VisitorID=I.visitorID, @AnimalID=I.animalID,
@VisitDate=I.visitDate
    from inserted as I

    select @AnimalBD=A.animalBirthDate
    from Animal as A

    if (@AnimalBD>@VisitDate)
    begin
        print 'Animal was not born yet, try again.'
        RAISERROR('Animal was not born yet, try again.', 16, 1)
        rollback;
    end
end
```

5. פונקציה :

הסבר:

הפונקציה מקבלת תאריך ומין של עובד ומספקת זמן ממוצע של נקיק של העובדים מהמין הנתון מהתאריך שניתן.

קוד:

```
create or alter function AvgCleaningTimeAfterDateForGender (@Date
smalldatetime, @EmployeeGender char(1)) returns int as
begin
    declare @avgCleaningTime int = 0

    select @avgCleaningTime = avg(datediff(minute, ECC.startCleaningTime,
ECC.endCleaningTime))
    from EmployeeCleanCage as ECC
    where ECC.startCleaningTime > @Date and ECC.employeeID in (select
E.employeeID from Employee as E where E.gender = @EmployeeGender)

    if @avgCleaningTime < 0
    begin
        set @avgCleaningTime = 0
    end

    return @avgCleaningTime
end
```

6. פרוצדורה :

הסבר:

הפרוצדורה מקבלת תאריך, גיל ומין ומחזירה פרטי עובד עם שגדולים מהגיל הנתון וזמן הנקיון של הכלוב הוא קטן מהזמן שניתן.

קוד:

```
create or alter procedure
GetDataForEmployeeOlderThanXAndCleaningTimeLowerThanAvgCleaningTime
@minDate smalldatetime,
@minAge smallint,
@gender char(1)

as
begin
    declare @today smalldatetime = getdate()
    declare @avgCleanTime int

    declare @data table
    (
        FullName nvarchar(41),
        Age int,
        Gender char(1),
        CleaningTime int,
        cageID smallint
    )

    exec @avgCleanTime = avgCleaningTimeAfterDateForGender @Date = @minDate,
@EmployeeGender = @gender

    insert into @data (FullName, Age, Gender, CleaningTime, cageID)

    select E.firstName + ' ' + E.lastName as FullName, datediff(year,
E.birthDate, @today) as Age, E.gender, datediff(minute, ECC.startCleaningTime,
ECC.endCleaningTime) cleaningTime, ECC.cageID
    from EmployeeCleanCage as ECC inner join Employee as E
    on ECC.employeeID = E.employeeID
    where datediff(minute, ECC.startCleaningTime, ECC.endCleaningTime) <
@avgCleanTime
                                and datediff(year,
E.birthDate, @today) >= @minAge
    select * from @data

end
```

7. פרוצדורה :

הסבר:

הפרוצדורה מקבלת תאריך מסוים ומחשבת החל ממנו את כמות המבקרים שביקרו בכל יום

קוד:

```
create or alter procedure GetInfoForEachDay @start date as
-- ניצור טבלה זמנית שתכיל את כל התאריכים הקיימים
begin
    create table #allDates
    (
        dateOfVisit date
    )
    declare @endDate date
    set @endDate = cast(getdate() as date)

    while @start < @endDate
    begin
        insert into #allDates values(@start)
        set @start = dateadd(day, 1, @start)
    end
    -- נעבור על טבלת התאריכים אל מול טבלת המבקרים ונספור כמה ביקרו בכל יום
    select D.dateOfVisit, count(VMA.visitorID) as numOfVisitors
    from #allDates as D left outer join
        VisitorMeetAnimal as VMA on D.dateOfVisit = VMA.visitDate
    group by D.dateOfVisit
end
```

8. פרוצדורה :

הסבר:

הפרוצדורה מקבלת קטגוריה אחת מבין שבית הקטגוריות של חיות שיש (Mammal, Bird, Reptile, Amphibian, Fish, Invertebrate, Bug) ויוצרת עבורו גרף עם חלוקה לפי סוג החיות באותה קטגוריה.

קוד:

```
create or alter proc GetNumberOfAnimalsPerTypeNameByCategoryNameAsGraph
@CategoryName nvarchar(13)
as
begin
    select AnT.animalTypeName, COUNT(*) as numOfAnimalTypeName
    from AnimalType as AnT
    inner join Animal as A on A.animalTypeID = AnT.animalTypeID
    where AnT.animalCategory = @CategoryName
    group by AnT.animalTypeName
end
```

9. פרוצדורה 1 :

הסבר:

הפרוצדורה מקבלת פרטי חיה: שם, תאריך, משקל, גובה, מין, האם החיה מסוכנת, תיאור, סוג חיה ומוסיפה את פרטיה לטבלת חיה בבסיס נתונים וגם לטבלת חיה אוכלת אוכל עם הגרלה רנדומלית של פרטי האוכל (שם אוכל ומצב צבירה) וכן הוסיפה לחיה בכלוב עם הגרלה רנדומלית של סוג הכלוב.

קוד:

```
create or alter proc InsertIntoAnimalAndRandomAnimalEatsFoodAndRandomCage
@animalName nvarchar(20),

@animalBD date,

@animalWeight decimal(5,1),

@animalHeight decimal(3,2),

@animalGender char(1),

@animalIsDangerous bit,

@animalDescription nvarchar(255),

@animalTypeID smallint,

@q9answer nvarchar(100) output
as
begin

declare @insertedAnimalID smallint, @randomFoodID tinyint, @randomCageID
smallint, @randomFoodName nvarchar(20)

if @animalWeight >= 1000 and @animalHeight >= 2.0
begin
    set @randomFoodID = (select top 1 F.foodID from Food as F
                        where
F.foodMatterState = 'solid'
                        order by NEWID())
end
else
begin
    set @randomFoodID = (select top 1 F.foodID from Food as F
                        where
F.foodMatterState = 'liquid'
                        order by NEWID())
end

insert into Animal values (@animalName, @animalBD, @animalWeight,
@animalHeight, @animalGender, @animalIsDangerous, @animalDescription,
@animalTypeID)

if @@ROWCOUNT = 0
begin
    set @q9answer = 'could not insert animal'
    print @q9answer
    RETURN
end
```

```

else
begin
    print 'Animal inserted.'
    set @insertedAnimalID = (select SCOPE_IDENTITY())

    print 'insertedAnimalID: ' + cast(@insertedAnimalID as nvarchar)

    insert into AnimalEatsFood values (@insertedAnimalID,
@randomFoodID)
    print 'Animal Food inserted.'

    set @randomCageID = (select top 1 C.cageID from Cage as C
                        where
C.cageForDangerousAnimal = @animalIsDangerous
                        order by NEWID())
    print 'randomCageID: ' + cast(@randomCageID as nvarchar)
    insert into AnimalInCage values (@insertedAnimalID,
@randomCageID)
    print 'Animal cage inserted.'

    set @randomFoodName = (select foodName from Food where foodID =
@randomFoodID)

    set @q9answer = 'animal id ' + cast(@insertedAnimalID as
nvarchar) + ' eats ' + @randomFoodName + ' inserted into cage id ' +
cast(@randomCageID as nvarchar)

end
end

```

פרוצדורה 2 :

הסבר:

פרוצדורה המספקת גיל ממוצע של החיות בעלות אותו שם אשר התיאור שלהם מכיל את הטקסט המתקבל מהמשתמש

קוד:

```

create or alter proc GetAvgAgePerAnimalName @description nvarchar(20) as
begin
    select A.animalName,
convert(decimal(10,2),avg(datediff(day,A.animalBirthDate,getdate())/365.00)) as
avgAge
    from Animal as A
        where A.animalID in (select A1.animalID
                            from Animal as A1
                                where A1.animalDescription like
('%' + @description + '%'))
        group by A.animalName
end

```


פרוצדורה 3 :

הסבר:

פרוצדורה המחזירה ממוצע גיל המבקרים עבור כל שם פרטי מסוים ובדיוק של שתי ספרות אחרי הנקודה העشرונית

קוד:

```
create or alter proc GetAvgAgePerVisitorsName as
begin
    select V.visitorFirstName,
    convert(decimal(10,2),avg(datediff(day,V.visitorBirthDate,getdate())/365.00))
as avgAge
    from Visitor as V
    group by V.visitorFirstName
end
```

פרוצדורה 4 :

הסבר:

פרוצדורה הקבלת מספר ומחזירה את החיות שביקרו אותם יותר מהמספר הנתון.

קוד:

```
create or alter proc AnimalWasVisitedMoreThanXTimes @XTimes int as
begin
    select VMA.animalID, A.animalName, count(VMA.visitDate) as numOfVisits
    into #MeetingInfo
    from VisitorMeetAnimal as VMA inner join Animal as A
        on VMA.animalID=A.animalID
    group by VMA.animalID, A.animalName
        having count(VMA.visitDate) > @XTimes

    select * from #MeetingInfo order by numOfVisits
end
```