CREATE SCHEMA `labdb\_bcl` ;

USE `labdb\_bcl`;

CREATE TABLE `kennels` (

`Kennel\_Code` int NOT NULL AUTO\_INCREMENT,

`Kennel\_Name` varchar(50) NOT NULL,

`Street` varchar(25) NOT NULL,

`City` varchar(25) NOT NULL,

`State` varchar(2) NOT NULL,

`Zipcode` varchar(10) NOT NULL,

`Phone` varchar(20) NOT NULL,

`Website` varchar(50) DEFAULT NULL,

PRIMARY KEY (`Kennel\_Code`),

UNIQUE KEY `Kennel\_Code\_UNIQUE` (`Kennel\_Code`)

) ENGINE=InnoDB AUTO\_INCREMENT=100 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `trick` (

`Trick\_ID` int NOT NULL AUTO\_INCREMENT,

`Trick\_Name` varchar(25) NOT NULL,

`Difficulty` int NOT NULL,

PRIMARY KEY (`Trick\_ID`),

UNIQUE KEY `Trick\_ID\_UNIQUE` (`Trick\_ID`)

) ENGINE=InnoDB AUTO\_INCREMENT=1 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `puppy` (

`Puppy\_Number` int NOT NULL AUTO\_INCREMENT,

`Puppy\_Name` varchar(20) NOT NULL,

`Description` varchar(1024) NOT NULL,

`Gender` varchar(1) NOT NULL,

`Breed` varchar(25) NOT NULL,

`Color` varchar(25) NOT NULL,

`BirthDate` datetime NOT NULL,

`Photo` varchar(25) DEFAULT NULL,

`Fee` decimal(10,2) NOT NULL,

`Kennel\_Code` int NOT NULL,

PRIMARY KEY (`Puppy\_Number`),

UNIQUE KEY `Puppy\_Number\_UNIQUE` (`Puppy\_Number`),

KEY `Kennel\_Code\_idx` (`Kennel\_Code`),

CONSTRAINT `Kennel\_Code` FOREIGN KEY (`Kennel\_Code`) REFERENCES `kennels` (`Kennel\_Code`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=10 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

CREATE TABLE `puppy\_tricks` (

`Puppy\_Number` int NOT NULL,

`Trick\_ID` int NOT NULL,

`Trick\_School` varchar(25) NOT NULL,

`Skill\_Level` int NOT NULL,

PRIMARY KEY (`Puppy\_Number`,`Trick\_ID`),

KEY `Trick\_ID\_idx` (`Trick\_ID`),

CONSTRAINT `Puppy\_Number` FOREIGN KEY (`Puppy\_Number`) REFERENCES `puppy` (`Puppy\_Number`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `Trick\_ID` FOREIGN KEY (`Trick\_ID`) REFERENCES `trick` (`Trick\_ID`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_0900\_ai\_ci;

Insert into labdb\_bcl.kennels (Kennel\_Name, Street, City, State, Zipcode, Phone, Website)

values ("Lucky Stars Country Kennels LLC", "2818 MD-482", "Hampstead", "MD", "21074", "410 239 2100","http://luckystarskennel.com");

Insert into labdb\_bcl.kennels (Kennel\_Name, Street, City, State, Zipcode, Phone, Website)

values ("The Country Kennel Inc", "5718 Ridge Rd", "Mount Airy", "MD", "21771", "301-831-7766","https://countrykennel.com/");

Insert into labdb\_bcl.kennels (Kennel\_Name, Street, City, State, Zipcode, Phone, Website)

values ("Camp Yuppie Puppy﻿", "3420 Uniontown Road", "Uniontown", "MD", "21158", "410-857-8230","http://www.campyuppiepuppy.com/");

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Play Dead",3);

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Frisbee Catch", 2);

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Give Paw", 1);

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Sing",3);

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Fetch Ball", 2);

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Heel",1);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Ruby",

"Meet Ruby! This lovable pup is currently searching for a good, loving home to call her own. Whether playing all day or relaxing on the couch, Ruby promises to be your most loving companion. This cutie will arrive to her new home up to date on vaccinations and pre-spoiled. Ruby can't wait to jump into your arms and shower you with her many, many puppy kisses! Don't miss out!",

"F", "Labrador Retreiver","Yellow", STR\_TO\_DATE('02-01-2021', '%m-%d-%Y'),"",2999,100);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Echo",

"Meet Echo! This cutie is ready to wiggle her way into you home and heart. She is a sweet and beautiful little girl that is sure to draw a crowd when you are out and about. Echo has been lovingly raised. She will arrive up to date on her vaccinations, vet checked and spoiled. Don't miss out on bringing this cutie home to your family. Once she is with you, you will wonder what you ever did without her!",

"F", "German Shepherd","Black & Cream", STR\_TO\_DATE('02-11-2021', '%m-%d-%Y'),"",3049,101);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Gavin",

"Meet Gavin! This handsome, baby-doll faced prince can't wait to venture off to his new home. His coat is absolutely beautiful and perfect to pet all day! He hopes you like getting puppy kisses because he's not shy about giving them out! Gavin will arrive healthy with his vaccinations up to date. He is so excited to meet you. He can't wait to jump into your arms and shower you with puppy kisses! Don't miss out!",

"M", "Beagle","Black, White & Tan", STR\_TO\_DATE('02-15-2021', '%m-%d-%Y'),"",2549,102);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Jake",

"Hi, I'm Jake! A picture is worth a thousand words and I'm sure that's why you clicked on me! I'm a beautiful puppy with a great disposition. I have wonderful parents that have started teaching me how to be a great companion. I hope to come home to you soon, so I can show you what I've learned. I will come home to you up to date on my vaccinations and vet checked. I'm waiting for you to pick me. You won't regret it!",

"M", "Jack Russell Terriers","Brown & White", STR\_TO\_DATE('02-22-2021', '%m-%d-%Y'),"",2949,102);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Sydney",

"Introducing Sydney! She's a pampered and joyful little girl. Without a doubt, she'll be the favorite of your home in no time. Her favorite hobby other than playtime is spending time with you. When Sydney arrives to her new home, she will have a nose to tail vet check and arrive with a current health certificate. Sydney is an all-round healthy girl waiting for the perfect family to entertain. Wouldn't you love to have her? She can't wait to love you!",

"F", "Goldendoodle","Apricot & White", STR\_TO\_DATE('02-26-2021', '%m-%d-%Y'),"",3049,101);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Boog",

"Hello! My name is Boog! I'm a cute, cuddly, and loyal puppy that is looking for that special family to join. My ideal family will take me for walks in the park, provide me with yummy treats, rub my cute puppy belly, and give me lots of hugs and kisses. In return, I will provide you with many years of unconditional love! All you have to do is call that number over there and say you want to bring me home. Give me a chance and I will be sure to leave paw prints on your heart!",

"M", "Pembroke Welsh Corgis","Black & Tan", STR\_TO\_DATE('02-4-2021', '%m-%d-%Y'),"",3049,100);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (11,1,"Dog Academy",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (12,1,"K9-Trainers",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (13,1,"Owner",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (14, 2,"K9-Trainers",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (11,3,"Dog Academy",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (12,4,"K9-Trainers",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (14,3,"K9-Trainers",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (15,2,"Dog Academy",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (13,5,"Owner",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (16,1,"K9-Trainers",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (11,1,"Dog Academy",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (12,1,"K9-Trainers",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (13,1,"Owner",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (14, 2,"K9-Trainers",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (11,3,"Dog Academy",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (12,4,"K9-Trainers",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (14,3,"K9-Trainers",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (15,2,"Dog Academy",2);

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Point",1);

Insert into labdb\_bcl.trick (Trick\_Name, Difficulty) values ("Roll Over",1);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Rowena",

"Meet Rowena! She's a fun-loving sweetheart who likes doing all the regular dog things, like licking you every time you sit down and barking at squirrels in the middle of the night. Take her home today!",

"F", "Terrier","Dark Brown", STR\_TO\_DATE('03-14-2020', '%m-%d-%Y'),"",2849,101);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Clifford",

"Meet Clifford! He's a LOT of fun. Trust us, taking him home will be the BIGGEST decision of your life; it's NO LITTLE THING taking care of a sweet animal like Clifford, so be sure to give him a GIANT hug when you bring him home.",

"M", "Unknown","Red", STR\_TO\_DATE('01-27-1988', '%m-%d-%Y'),"",9989,102);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Cerberus",

"Oh look, it's Cerberus! He's... technically a dog, right? Thus we are legally obligated to care for this little devil until someone adopts him. Please adopt him! I'm running out of fingers!",

"M", "Three-Headed","Black", STR\_TO\_DATE('01-01-0000', '%m-%d-%Y'),"",6666,103);

Insert into labdb\_bcl.puppy(Puppy\_Name, Description, Gender, Breed, Color, BirthDate, Photo, Fee, Kennel\_Code)

values ("Jeff",

"Meet Jeff! He's a good dog. Isn't he? Yes he is. He's a good boy. Good boy Jeff! Who's a good boy! Jeff is a good boy! What do you mean it's recording?",

"M", "Great Dane","White and Brown", STR\_TO\_DATE('06-12-2020', '%m-%d-%Y'),"",3499,100);

Insert into labdb\_bcl.kennels (Kennel\_Name, Street, City, State, Zipcode, Phone, Website)

values ("Deer Park Kennels", "2187 Deer Park Road", "Eldersburg", "MD", "21784", "397-223-9875","http://www.deerparkkennels.com/");

Insert into labdb\_bcl.kennels (Kennel\_Name, Street, City, State, Zipcode, Phone, Website)

values ("Circle Kennels", "3674 Circle Drive", "Eldersburg", "MD", "21784", "401-986-2343","https://www.circlekennels.com/");

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (16,5,"Dog Academy",1);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (17,6,"K9-Trainers",3);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (18,7,"Dog Academy",2);

Insert into labdb\_bcl.puppy\_tricks(Puppy\_Number, Trick\_ID, Trick\_School, Skill\_Level) values (19,8,"K9-Trainers",3);

ALTER TABLE `labdb\_bcl`.`kennels`

ADD COLUMN `Timestamp` DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP AFTER `Website`;

ALTER TABLE `labdb\_bcl`.`puppy`

ADD COLUMN `Timestamp` DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP AFTER `Fee`;

ALTER TABLE `labdb\_bcl`.`puppy\_tricks`

ADD COLUMN `Timestamp` DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP AFTER `Skill\_Level`;

ALTER TABLE `labdb\_bcl`.`trick`

ADD COLUMN `Timestamp` DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP AFTER `Difficulty`;

USE `labdb\_bcl`;

CREATE OR REPLACE VIEW `view\_puppy\_tricks` AS

Select puppy\_tricks.Puppy\_Number, puppy\_tricks.Trick\_ID, puppy\_tricks.Skill\_level, puppy.Puppy\_Name, trick.Trick\_Name

from labdb\_bcl.puppy\_tricks, labdb\_bcl.puppy, labdb\_bcl.trick

where puppy\_tricks.Trick\_ID = trick.Trick\_ID and puppy\_tricks.Puppy\_Number = puppy.Puppy\_Number

order by puppy\_tricks.Puppy\_Number;;