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1 njpetersen> CREATE TABLE Owners (  
2     UserID      int  
3     auto_increment,  
4     Username    varchar(50) not  
5     null,  
6     FirstName   varchar(50) not  
7     null,  
8     LastName    varchar(50) not  
9     null,  
10    Email       varchar(100) not  
11    null,  
12    Birthday    date not null,  
13    Phone       bigint not null,  
14    PRIMARY KEY (UserID)  
15 )  
16 [2024-09-24 19:21:38] completed in 26 ms  
17 njpetersen> CREATE TABLE Diet(  
18     DietPlan    int  
19     auto_increment,  
20     Food        varchar(50) not  
21     null,  
22     Price       decimal(5,2) not  
23     null,  
24     description text not null,  
25     GrainFree   bool not null,  
26     PRIMARY KEY (DietPlan)  
27 )  
28 [2024-09-24 19:21:39] completed in 29 ms  
29 njpetersen> CREATE TABLE Dogs (  
30     ID          int not null  
31     auto_increment,  
32     DogName     varchar(25) not  
33     null,  
34     Breed       varchar(50),  
35     Gender      bool not null,  
36     Age         int,  
37     Vaccinated  bool not null,  
38     AdoptFee    decimal(6,2),
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29         OwnerID      int,
30         DietPlan      int,
31         PRIMARY KEY (ID),
32         FOREIGN KEY (OwnerID)
    REFERENCES Owners(UserID),
33         FOREIGN KEY (DietPlan)
    REFERENCES Diet(DietPlan)
34     )
35 [2024-09-24 19:21:39] completed in 53 ms
36 njpetersen> DESCRIBE Owners
37 [2024-09-24 19:21:39] 7 rows retrieved starting
    from 1 in 43 ms (execution: 14 ms, fetching: 29
    ms)
38 njpetersen> DESCRIBE Diet
39 [2024-09-24 19:21:39] 5 rows retrieved starting
    from 1 in 93 ms (execution: 49 ms, fetching: 44
    ms)
40 njpetersen> DESCRIBE Dogs
41 [2024-09-24 19:21:39] 9 rows retrieved starting
    from 1 in 82 ms (execution: 18 ms, fetching: 64
    ms)
42 njpetersen> INSERT INTO Owners (Username,
43                               FirstName,
44                               LastName,
45                               Email,
46                               Birthday,
47                               Phone)
48           VALUES             ('njpetersen',
49                               'Nicholas',
50                               'Petersen',
51                               'njpetersen@
    hawkmail.hfcc.edu',
52                               19990101,
53                               3135556666)
54 [2024-09-24 19:21:39] 1 row affected in 16 ms
55 njpetersen> INSERT INTO Owners (Username,
56                               FirstName,
57                               LastName,
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58                                     Email,
59                                     Birthday,
60                                     Phone)
61             VALUES                ('lskywalker',
62                                     'Luke',
63                                     'Skywalker',
64                                     'lskywalder@
therebelion.com',
65                                     19750101,
66                                     9196581258)
67 [2024-09-24 19:21:39] 1 row affected in 90 ms
68 njpetersen> INSERT INTO Diet (Food,
69                               Price,
70                               description,
71                               GrainFree)
72             VALUES                ('Blue Harvest
Chicken',
73                               63.99,
74                               '45lb bag dry dog
food, chicken flavor',
75                               0
76                               )
77 [2024-09-24 19:21:39] 1 row affected in 14 ms
78 njpetersen> INSERT INTO Diet (Food,
79                               Price,
80                               description,
81                               GrainFree)
82             VALUES                ('Iams',
83                               22.99,
84                               '25lb bag dry dog
food, cat flavor',
85                               0
86                               )
87 [2024-09-24 19:21:39] 1 row affected in 12 ms
88 njpetersen> INSERT INTO Dogs  (DogName,
89                               Breed,
90                               Gender,
91                               Age,
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92          Vaccinated,
93          AdoptFee)
94          VALUES      ('Dexter',
95                          'Husky',
96                          0,
97                          2,
98                          0,
99                          399.99
100                     )
101 [2024-09-24 19:21:39] 1 row affected in 13 ms
102 njpetersen> INSERT INTO Dogs      (DogName,
103                                     Breed,
104                                     Gender,
105                                     Age,
106                                     Vaccinated,
107                                     AdoptFee)
108          VALUES      ('Spike',
109                          'American
110                          Bulldog',
111                          0,
112                          6,
113                          0,
114                          249.99
115                     )
116 [2024-09-24 19:21:39] 1 row affected in 12 ms
117 njpetersen> UPDATE Diet
118          SET          Food = 'Hills Science Diet',
119          Price = 45.99,
120          description = '30lb bag dry
121          dog food, beef flavor',
122          GrainFree = 1
123          WHERE      DietPlan = 1
124 [2024-09-24 19:21:39] 1 row affected in 12 ms
125 njpetersen> UPDATE Owners
126          SET          Birthday = '19000101'
127          WHERE      UserID = 1
128 [2024-09-24 19:21:39] 1 row affected in 115 ms
129 njpetersen> UPDATE Dogs
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128          SET      Vaccinated = 1, OwnerID = 1
129          WHERE ID = 1
130 [2024-09-24 19:21:39] 1 row affected in 13 ms
131 njpetersen> DELETE FROM Owners
132          WHERE Username = 'lskywalker'
133 [2024-09-24 19:21:39] 1 row affected in 13 ms
134 njpetersen> DELETE FROM Dogs
135          WHERE Vaccinated = 0
136 [2024-09-24 19:21:40] 1 row affected in 12 ms
137 njpetersen> DELETE FROM Diet
138          WHERE food = 'Iams'
139 [2024-09-24 19:21:40] 1 row affected in 14 ms
140 njpetersen> Select * FROM Owners
141 [2024-09-24 19:21:40] 1 row retrieved starting
    from 1 in 50 ms (execution: 11 ms, fetching: 39
    ms)
142 njpetersen> Select DogName, Breed, OwnerID
143          FROM Dogs
144 [2024-09-24 19:21:40] 1 row retrieved starting
    from 1 in 65 ms (execution: 14 ms, fetching: 51
    ms)
145 njpetersen> Select * FROM Diet
146          WHERE GrainFree = 1
147 [2024-09-24 19:21:40] 1 row retrieved starting
    from 1 in 89 ms (execution: 14 ms, fetching: 75
    ms)
148
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