

DBMS Report #3

The Database was implemented according to specifications in Report #1 and #2. The resulting tables are shown below:

Created Tables:

```
In [1]: runfile('C:/Users/justi/OneDrive/JustinCabreraProjectPart3.py', wdir='C:/Users/justi/OneDrive')
Clinic Table:
  clinicNo  cname  cAddress cTelephoneNo staffNo
0         1 Pawsome #1  123 Main St  1234567890  00001
1         2 Pawsome #2  456 Park Ave  2345678901  00002
2         3 Pawsome #3  789 Oak Blvd  3456789012  00003
3         4 Pawsome #4  101 Pine St  4567890123  00004
4         5 Pawsome #5   202 Elm Rd  5678901234  00005
Staff Table:
  staffNo  sName  sTelephoneNo  ...  sPosition  sSalary  clinicNo
0  00001  Alice Charles  9876543210  ...  Veterinarian  50000  1
1  00002   Bob Smith  8765432109  ...  Technician  40000  2
2  00003  Charlie Brown  7654321098  ...  Receptionist  35000  3
3  00004   Diana Ross  6543210987  ...    Manager  60000  4
4  00005  Eve Longoria  5432109876  ...  Assistant  30000  5

[5 rows x 7 columns]
Examination Table:
  examNo  complaint  ...  staffNo  petNo
0  12345678  Limping  ...  00001  12345678
1  23456789  Excessive grooming  ...  00002  23456789
2  34567890  Vomiting  ...  00003  34567890
3  45678901  Diarrhea  ...  00004  45678901
4  45678902  Lack of eating  ...  00004  45678901
5  56789012  Feather loss  ...  00005  56789012

[6 rows x 7 columns]
Pet Table:
  petNo  pName  pDOB  ...  pColor  clinicNo  ownerNo
0  12345678  Buddy  2018-05-10  ...  Golden  1  10001
1  23456789  Milo  2019-08-22  ...  Brown  2  10002
2  34567890  Bella  2017-04-12  ...  Brindle  3  10003
3  45678901  Luna  2020-02-14  ...  White  4  10004
4  56789012  Charlie  2016-11-02  ...  Blue  5  10005

[5 rows x 8 columns]
Owner Table:
  ownerNo  oName  oAddress  oTelephoneNo
0  10001  John Doe  123 Elm St  1112233445
1  10002  Jane Smith  456 Pine St  2223344556
2  10003  Mark Johnson  789 Oak St  3334455667
3  10004  Linda White  101 Birch St  4445566778
```

5 Queries:

```
Query #1
  staffNo      sName  sTelephoneNo  ... sSalary clinicNo    cAddress
0   00001  Alice Charles   9876543210  ...   50000         1  123 Main St
```

[1 rows x 8 columns]

```
Query #2
  clinicNo  clinicVisits  month
0         4             2    01
```

```
Query #3
  clinicNo  numVisits
0         4          2
```

```
Query #4
  staffNo      sName
0   00001  Alice Charles
```

```
Query #5
  ownerNo      oName      oAddress  oTelephoneNo      cname
0   10001    John Doe    123 Elm St    1112233445  Pawsome #1
1   10002    Jane Smith  456 Pine St    2223344556  Pawsome #2
2   10003  Mark Johnson  789 Oak St    3334455667  Pawsome #3
3   10004    Linda White 101 Birch St    4445566778  Pawsome #4
4   10005    Paul Brown 202 Cedar St    5556677889  Pawsome #5
```