# Assessment 1

**Practice Table**

I created a table in DataBase,named ‘Practice’.There are three Columns in the table totally.And,I gave the columns names.And, I regarded the datatypes,primary key and the amount of the datatypes.Then,I inputed the data into the table.

**Vet Table**

At First, I created a table in DataBase,named ‘Vet’.There are eight Columns in the table.And,I gave the columns names.And, I regarded the datatypes,primary key, foreign keys and the amount of the datatypes.Then,I inputed the data into the table.

**Visit Table**

At First, I created a table in DataBase,named ‘visit’.There are six Columns in the table.And,I gave the columns names.And, I regarded the datatypes,primary keys,foreign keys and the amount of the datatypes.Then,I inputed the data into the table.

**Medication Table**

At First, I created a table in DataBase,named ‘Medication’.There are six Columns in the table.And,I gave the columns names.And, I regarded the datatypes,Foreign keys and the amount of the datatypes.Then,I inputed the data into the table.

Task 4

I used insert keywords to input the data into the visit table.

Task 5

I used insert keywords to input the data into the Medication table.

**Task 6**

I droped the table as the task given by using Drop Keyword.

Task 7

The task said that I must delete th column named ‘Practice\_ID’.So,I deleted the column and successfully by using alter keyword.

Task 8

As the task requested, I input the new column by using inser keyword, named ‘Mobile\_Number’.

Task 9

The task said that I must put the data into the vet table.So,I used insert keyword to put the the data about the vet table For each of the column.

Task 10

As the task requested, I must checked the tables named ‘visit’,’vet’,’medication’.And as a result, the tables are shown that deals with the coding.

Select \* from visit

Select \* from Vet

Select \* from Medication

Assessment 2

Task 1

The task said that they want to know the details of the owners and their pets.So, I used the select keyword to pull out the columns that are from the chosen table.By us owners’ names and their pets and made a table.

Task 2

It said that they want to know all about the pets that are born between 1999 and 2001.So,I used the ‘Select’ Keyword to find out the pet name, type, breed and born on the table from pet.And I used also ‘Order by’ keyword to see the table in the order of name.And, I used ‘asc’ keyword to see the facts ascendingly.

Task 3

The task said that they want to know the numbers of different types of pets.And it said we can ignore whatever there is only one of the type.But, the table should be ordered by the highest occurrences.So, I used the Select word to pull out the facts that deals with the task. And, we checked the condition by using ‘Having’ keyword.And, I used ‘order by’ keyword and ‘Desc’ keyword to arrange the table facts descendingly.

Task 4

As the task asked, we need to find the total salary of the junior partners and senior partners.So, I used ‘Select’ keyword and ‘sum ‘ keyword to see te totoal salary of the the junior partners and senior partners.

Task 5

We need to make a list of animals which names start with or end with the letter ‘s’. So, I used the select keyword and put the column name into the coding. And ,I used the where keyword to check the condition what I want to list.And, I also used’%’ symbol to search the Nme s start with or end with S.

Task 6

I need to make a list that includes all of the visits made by dogs.I used Select keyword to list the column and make a table. And, I also used, where keyword to check the condition of the table. I used order by keyword to arrange the table column ascendingly.

Task 7

I used the select keyword to pull out the column from the original table. And, I used where keyword to check the condition.Then, I used Group by keyword to collect the column that I want to group.And, I used order by keyword to arrange the data in the column ascendingly.

Task 8

I used the distinct keyword to avoid the data duplication from the tables.And, I used the where keywords to check the condition that I want. And I used % keyword to find the word start with or end with ‘ear’ and ‘nose’.

Task 9

I used the select keyword to pull out the columns from the choosen tables. And, I used where keyword to check the condition. And, I used group by keyword to collect the column that I want. I used order by keyword to arrange the rows that are include in the column.

Task 10

I used the select keyword to pull out the column from the chosen table.And, I used where keyword to check the condition of the column that I want. And, I used order by keyword to arrange the column that I want.

Task 11

At first, I used the select keyword to pull out the columns from the choosen tables.I used avg keyword to know the average of the basic cost. And , I used sum keyword to know the addition of the basic cost. And, I used where keyword to check the condition. And, I used group by keyword to collect the column that I want. I used order by keyword to arrange the rows that are include in the column.

Task 12

I used select keyword to pull out the column from the chosen table.I used the distinct keyword to avoid the data duplication from the tables.And, I used the where keywords to check the condition that I want.And, I used order by keyword to arrange the data that the task requested.

**Assessment 3**

**Report**

As the task requested, I creates a table to get a report.Then, I put 6 columns into the table. And, I gave the column anme from the dataset. I put the data into the data source1. And, as a result ,I got the table for the report.

The task said that I need ton give a second report. So, I created a table into the sql tools. I made 5 columns inn the table.And I put the data into the table from dataset. And, I used datasource 2 for this table.And the task said I need to sum the total cost of the basic cost.So,I sum the total cost and put it in the table.As a result,I got the table for Dog visits.