CREATE TABLE INSTRUCTOR

(ins\_id INTEGER PRIMARY KEY NOT NULL,

lastname VARCHAR(15) NOT NULL,

firstname VARCHAR(15) NOT NULL,

city VARCHAR(15),

country CHAR(2)

)

;

INSERT INTO INSTRUCTOR

(ins\_id, lastname, firstname, city, country)

VALUES

(4, 'Ahuja', 'Rav', 'Toronto', CA')

;

INSERT INTO INSTRUCTOR

(ins\_id, lastname, firstname, city, country)

VALUES

(5, 'Chong', 'Raul', 'Toronto', 'CA'),

(6, 'Vasudavan', 'Hima', 'Toronto', 'CA')

;

select \* from Instructor

;

select firstname, lastname, country from INSTRUCTOR where city = 'Toronto'

;

UPDATE INSTRUCTOR

SET city = 'Markham'

WHERE ins\_id = 1

;

delete INSTRUCTOR

WHERE ins\_id = 5

;

select \* from Instructor

;

-- Drop the PETSALE table in case it exists

drop table PETSALE;

-- Create the PETSALE table

create table PETSALE (

ID INTEGER PRIMARY KEY NOT NULL,

ANIMAL VARCHAR(20),

QUANTITY INTEGER,

SALEPRICE DECIMAL(6,2),

SALEDATE DATE

);

-- Insert saple data into PETSALE table

insert into PETSALE values

(1,'Cat',9,450.09,'2018-05-29'),

(2,'Dog',3,666.66,'2018-06-01'),

(3,'Dog',1,100.00,'2018-06-04'),

(4,'Parrot',2,50.00,'2018-06-04'),

(5,'Dog',1,75.75,'2018-06-10'),

(6,'Hamster',6,60.60,'2018-06-11'),

(7,'Cat',1,44.44,'2018-06-11'),

(8,'Goldfish',24,48.48,'2018-06-14'),

(9,'Dog',2,222.22,'2018-06-15')

select \* FROM PETSALE;

select AVG(SALEPRICE) from PETSALE where Animal ='Dog';

select (CURRENT\_DATE - SALEDATE) FROM PETSALE where ID =2;

select MAX(QUANTITY) from petsale where Animal = 'Hamster';select SUM(SALEPRICE) from PETSALE;

select \* from PETSALE where QUANTITY < (select AVG(QUANTITY) from PETSALE);

select SALEPRICE, (select AVG(SALEPRICE) from PETSALE ) AS AVGSALE from PETSALE;

select SUM(SALEPRICE) AS SUM\_OF\_SALEPRICE from PETSALE;

select MAX(QUANTITY) from PETSALE;

select AVG(SALEPRICE) from PETSALE;

select AVG( SALEPRICE / QUANTITY ) from PETSALE where ANIMAL = 'Dog';

select ROUND(SALEPRICE) from PETSALE;

select LENGTH(ANIMAL) from PETSALE;

select UCASE(ANIMAL) from PETSALE;

select DISTINCT(UCASE(ANIMAL)) from PETSALE;

select \* from PETSALE where LCASE(ANIMAL) = 'cat';

select DAY(SALEDATE) from PETSALE where ANIMAL = 'Cat';

select COUNT(\*) from PETSALE where MONTH(SALEDATE)='05';

select (SALEDATE + 3 DAYS) from PETSALE;

select (CURRENT DATE - SALEDATE) from PETSALE;

select \* from (select ANIMAL, QUANTITY, SALEPRICE from PETSALE) as PETSFORSALE;