Project Part 1 (3%) PROCEDURE

Question 1:

Create a procedure that accept a number to display the triple of its value

to the screen as follow:

The triple of ... is ...

Ex:

Exec L1q1 (2)

The triple of 2 is 6.

Exec L1q1 (3)

The triple of 3 is 9.

Question 2:

Create a procedure that accepts a number which represent the temperature

in Celsius. The procedure will convert the temperature into

Fahrenheit using the following formula:

Tf = (9/5) * Tc + 32

Then display the following:

... degree in C is equivalent to ... in F

Test your procedure for 3 different temperature.

Question 3:

Create a procedure that accept a number which represent the temperature

in Fahrenheit. The procedure will convert the temperature into

Celsius using the following formula:

Tc = (5/9) * (Tf - 32)

Then display the following:

... degree in F is equivalent to ... in C

Test run your procedure for 3 different temperatures.

Use the procedure of question 2 to check for the accuracy of your procedure.

Question 4:

Create a procedure that accepts a number used to calculate the

5% GST, 9.98 % QST, the total of the 2 tax, the grand total, and to

display EVERY THING to the screen as follow:

For the price of $...

You will have to pay $... GST

$ ... QST for a total of $...

The GRAND TOTAL is $ ...

Ex:

SQL> Exec L1q4 (100)

For the price of $100

You will have to pay $5 GST

$ 9.98 QST for a total of $14.98

The GRAND TOTAL is $ $114.98

Question 5:

Create a procedure that accepts 2 numbers represented the width and height of a rectangular shape. The procedure will calculate the area and the perimeter using the following formula:

Area = Width X Height

Perimeter = (Width + Height) X 2

display EVERY THING to the screen as follow:

The area of a ... by ... is .... It's parameter is ...

Ex:

SQL> Exec L1q5 (2,3)

The area of a 2 by 3 rectangle is 6 It's parameter is 10.

Question 6:

Use the formula of question 2, create a function that accepts the temperature in Celsius to convert it into temperature in Fahrenheit. Test your function at least 3 times with 3 different temperature.

Question 7:

Use the formula of question 3, create a function that accepts the temperature in Fahrenheit to convert it into temperature in Celsius. Test your function at least 3 times with 3 different temperatures.