Project Part 2 (3%)

Question 1: Create a function that accepts 2 numbers to calculate the product of them. Test your function in SQL*Plus

Question 2: Create a procedure that accepts 2 numbers and use the function created in question 1 to display the following

For a rectangle of size .x. by .y. the area is .z.

where x, y is the values supplied on run time by the user and z is the values calculated using the function of question 1.

Test your procedure in SQL*Plus and hand in code + result for 2cases.

Question 3: Modify procedure of question 2 to display "square" when x and y are equal in length.

Question 4: Create a procedure that accepts a number represent Canadian dollar and a letter represent the new currency. The procedure will convert the Canadian dollar to the new currency using the following exchange rate:

E EURO 1.50

Y YEN 100

V Viet Nam DONG 10 000

Z Endora ZIP 1 000 000

Display Canadian money and new currency in a sentence as the following:

For ``x`` dollars Canadian, you will have ``y`` ZZZ

Where x is dollars Canadian y is the result of the exchange ZZZ is the currency

EX: exec L2Q4 (2,'Y')

For 2 dollars Canadian, you will have 200 YEN

Question 5: Create a function called YES_EVEN that accepts a number to determine if the number is EVEN or not. The function will return TRUE if the number inserted is EVEN otherwise the function will return FALSE

Question 6: Create a procedure that accepts a numbers and uses the function of question 5 to print out either the following:

Number … is EVEN OR Number … is ODD

EX: exec L2Q6 (6) Number 6 is EVEN

EX: exec L2Q6 (5) Number 5 is ODD

BONUS QUESTION

Modify question 4 to convert the money in any direction.

Ex:

exec L2Qbonus (2,'Y','V')

For 2 YEN, you will have 200 Viet Nam DONG

exec L2Qbonus (20000,'V','C')

For 20000 Viet Nam DONG, you will have 2 dollars Canadian