Hi,Eloise

Following suggestion in your program for future working:

1. Reformat the SQL with tab for easy to read

Original:

select staff\_no,staff\_type,staff\_name,sup\_code,dsm\_code,sm\_code,

eff\_from\_date,trans\_date-1,trans\_date,trans\_from,trans\_to

from eloise\_staff where staff\_no=v\_Staff\_no;

Reformat

Select

t.Staff\_no,t.staff\_type,….

From eloise\_staff t

Where t.staff\_no=v\_Staff\_no;

2. Use alias in sql sample : select staff\_no ,staff\_type => select t.staff\_no,t.staff\_type

3. Practices more join method in SQL instead of using procedure

4. Study the cursor.

Review the result and list the suggestion as follow

Task 4 )

• Procedure only can handle input file with one records.You may try to improve it more complete.

• In fact use insert sql and temp table instead of procedure is more efficiency way.Try understand the following step for handling in insert

Step 1) insert original records compare new and old by key with those values no change.

Step 2a) insert original records compare new and old by key with those values changed and update end\_date as today -1

Step 2b) insert new records compare new and old by key with those values changed and update start\_date as today and end\_date as 2999-12-31

Step 3a) insert new records with key doesn’t exists in old

Step 3b) insert old records with key doesn’t exists in new

Task 6c)

• Suggest to use left outer join due to it is make sure no PMO would be miss even unable to map a SM

Task 6d)

• In pl sql way such looping should use cursor method instead of select count

• Try to study it in sql with sub query . try to build up 3 set data to describe the SM->SUP count,SM->DSMcount,SM->PMO count. Finally use SM profile join the 3 results for sum up the total count.Also try to understand the advantage of sql instead of precedure. You will find only 4 full table scan need indeed

Task 7

• Try to simplify it with insert sql

Task 8

• Review refer to task 6d suggestion.