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Assignment - 06

- * Title: Curson (Au Types: Amplicit, Explicit, curson FOR 100P,
 Parameterized curson)
- + Date of completion: 14/09/2020
- * Date of Submission: 30/09/2020
- * Problem statement.

white a PI/SQL block of node using parameterized cursor, that will merge the data available in newly created table in FropEd with data available in the table 0 EmpEd. If the data in the first table already exists in second table them that data should be skipped.

- * Learning Objective!

 To understand be nimplement types of cursons
 with PLISPL block code
 - * Learning Outcomes:

stridents mil be able to:

- Implement PUSPI block code
- implement types of cursors.
- windows 10 (64 bit), 15 processor. Mysqu

Theory:

PLISQL:

* Cursou

ai system memory when a squ statement is executed

but can process only one sow at a time.

The set of some at cursor francle holds is called active set

There are a types of aurious in PUSQU:

These are related by default when pril statements like unsert, update and delete statements are executed. They are also created when select statements that seturn just one sow is executed

Explicit Cursors:

They must be ereated when you are executing a fluct statement that returns more than one sow

- Only one sow san be processed at a time

- when you fetch a low the current row

position makes to next sow.

· Implicit cusous: In PUSPL you can sefer to the most secunt implicit cursor as the spe cursor It has the following attributes: (i) % FOUND seturile time if of one statements affected more that one sow (ii) / NOTFOUND returns true if DMI statements

affected no rows.

(iii) Y. 150PEN - always roturns false for implicit

cursor. (in) / ROWCOUNT - returns number of rows affected by an inject, update, dealte statements: Syntax: steclare begin execution statements enecution of a tements else'y sql'/ found then enecution statements

· Explicit ausois:

- program defined ausois for gaining more
control over the context area.

Syntaa 1

creating an explicit ausor user 15 select statement;

Syntax for using curses:

declare

declaration statements

aussi ruesor name is select statement;

begin

open cuses name: (opening the cuses)

loop

fetch cussiname into variables;

exit when cursos-name , attribute ;

end loop;

close rurser name;

end;

CURSOR FOR LOOP

- you would use a surer for loop when you want to fetch and process every second in a cursor. It will terminate when all of seconds in the cursor have been fetched.

Syntan:

for record under in cursos name

coop

} ... statements}

end wop;

Hell

· record index

· rusol name of record

- name of the curse that you wish to fetch seconds from.

Parameterized Cusar;
- a cusser can have parameters in p1/292

Syntaa!

declare

surror curname c parameter list)

begin open our name (parameters):

fetch au name into variables exist when our name / attribute } - statements -- }

alose sur name;

MYSQL

cusus:

- mysql: cursor is read-only, non screttable and as ensitive

syntan:

ceate procedure procedure name (parameters)

begin

dedare

¿ declarations . - ?
pleclare cursor nouve cursor for select
statement;

copt: cop:

fetch cussor nange into vaniable;

grandition—then

grandition—then

end it; end loop wop!;

Test cases

Input	Expected Output	Result
can process	rapected Output (N)	
	2 "Tejas Dahad" (Duplicate)	succes.
	3 " Prachi Wagh" (N)	
	4 " Bhauseg Chuttar" (N)	

conclusion: O Thus, we implemented aussous in mysqu stored procedure with parameter he learnt about types of cursors, cursor for loop and parameterized sursor in PLISPL.