Assignment - V

Title :- PL/8QL - control structure

Problem statement:

covite a PL/sal block of code for the following requirements

coestomer Coest Id, Name, Date of payment, Name of scheme, Status)

Prine (cust id, Date, Amount)

- 1. Accept cust id & name of schema from
- 2. Check the number of days from date of payment) . If days are bet 15 to 30 then fine compant will be Rs. 5 persday
- 3. If no of days >30 per day fine will be
- 4. After payment, status will change from
 N to P.
 5. If condition of line is true then defalls
- will be stored into fine table.

Objective: To understand - The control structure

- Exception handling in PL/soc

Outcome:
The steedents coil be cable to implement PL/SOL Block, user defined & predefined control structure using PU/sol. 5/W & H/W requirements: SOL package, pc with ou bit os. Theory 1-- It stands for procedurel language / structured query language. - It offers a set of procedural commands CIP statements, Doops, assignments) organica within blacks that complement & extend the reach of sac. Blocks in PL/Sel. A PLISOL block is defined by the keywords. DECLARE, BEGJN, EXCEPTION & END which break up the block into 3 sections. DECLARATIVE + statements that declare variables contants of the other code elements which can be issed with that block

Execute: Sketements that our when the black is executed.

Exception Handling -

A specially structured section you can use to "catch" or trop any exceptions that are maised when the executable section runs.

Syntax:

DECLARE DECLARE declaration section

excutable section

END! Handling stratements.

Exception Handling: are handled in exception block, using exception handling we can test the code & avoid it from eaiting abouply cohen an exception occurs a message which explains its cause is recieved.

Types of Exception:

Named System Exception - They are raised by

Page No.
Date

a RDBMS rule.

Onhamed system Exception - They are not provided my name by anale. They are handled using when others exception handles or by associating the exception add to a name of using it as a homed exception

Oser-defined Exception:

They are explicitly raised
on execution section & are explicitly declared
on declaration section. They should be
handled by referencing the uses-defined
exception name in exception black.

Conduction :-

FL/son block, control structure & exception handling.