Page No.	
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Assignment - 07	
Date of Completion: 28/09/2020	
Date of Completion: 28/09/2020	
Date of Submission: 12/10/2020	
Title: PUSQU stored Procedure and stored Fun	ction
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Problem Statement:	
modern sometimes grandy proc grade &	28
Write a stored procedure namely proc grade for	
antanolisation of suntimer.	
rustomes in year i 2 - 20000 accept the	
then austomes will be placed in plantitude	0.0
contemps. It purchase by sustainer is between	199
IV I FOOD I WALL OF DE	Lucen
4999 and 2000 rategory is silver. Write	a
PLISQL block for using procedure created weith	
abone requirement.	
Customes (cust id, name, total purchase)	
category (Cust-id, Name, class)	

fearning Objective!

o To understand the PLISPL stored procedure.

o To understand the PLISPL stored function.

* learning Outcome:

Students will be able to:

o write PLISQL stored provedure

· write PLISOL stored function

for the categolization of customers.

Page No.		
Date		

SIW and HIW Requirements: MySQL, Windows 10 (64 bit), is processor, PLISQL

Theory:

MYSOL

Mysel supports two kinds of soutines:

(1) flored procedures: A procedure is a subsoutine in a regular scripting language, stored in a database

e suate a stored procedure serate procedure proc name (parameters) begin
- - electoration statements

- execution statements

end;

salling a procedure call proc name (parameters):

Syntax: desp procedure proc. name;

o Parametel modu

procedure. Its original value is retained after the stored procedure has been executed

within stored procedure and its value is returned to calling application.

1NOUT - you can pass the initial value, the stored procedure can change it and it will change & return the new value to the calling application.

2) Stored function:

A stored function is a set of sol statements

that perform some operation and return a

single value

o cleating a stored function:

dyntax:

create function function name (parameters)

return datatype (characteristies)

[NOT] DETERMINISTIC

begin

mysol statements

RETURN expussion;

end;

Page ?	Vo.		
Date			

- a stored function: - a stored function can be caused inside a procedure or select statement

o deterministic function:

- Arry anways return the same result any
time they are ralled with a specific set
of input values

- returns différent result each time

O PLISPL:

Stored procedure & a nomed PLISQL block which performs a specific lask.

Passing parameters

- e in parameters
- · DUT parameters
- · mout parameters
- · creating a stored procedure:

enate ter replace procedure proc name I paramete

declare

declaration rection.

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	Page No.		
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begin execution section exception exception rection . · How to encute a slored procedu (1) from the sol prompt dyntaal: enecute [or exec] procedi (2) within another procedure - su procedure name Jyntaa: procedure name; it's stored function. a function is a crawed Pl is smithal to a procedure the is a function must always set · cleating a stored function: dynta: reate [er replace] function return data type; declaration section begin execution section RETURN jeture variable; exception seturn siturn variable end; Teacher's Sign .: _

i) the seturn type can be any oracle data type
ii) the execution & exceptions value section both should seture a value vehich is of datatype dying d o stored junction for given problem Naturnent returns varchas (20) begin

if cpurchase <= 20000 and purchase 7=10000) then

out class = " plating 10000" elleif Courchase = 9999 and procedure 7 = 5000) then set class= 'gold'; elseif (purchase = 4999 and purchase 7= 2000) then set class = 'silver': stored procedure without parameters. ereate procedure process declare ed int: nance! varchar(20);

Teacher's Sign .:

-purchasel int; class valchar (20): begin begin oustoner; fetch curs into id, names, purchases; de east when curs; not found; set class = getclass (purchase 9): insert into category values (id, name!, dans); end cop; stored procedure with parameters in puichase unt, out cleases varichas (20) appointe austonnel set total procedure = purchase where oustid=id; update category set class = getclass (puschase) select class into class! from category where custid = vd; end;

	Page No. Date
*	CONCLUSION:
	Thus, nu implemented i) stored procedure with parametell ii) stored procedure with parametell iii) stored functions.
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	(i) stored procedure, with parameters
	ili) Hore d Tunctions.
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