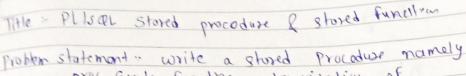
# Assignment No. 7 Roll No :- 31384

#### Assignment No. 7



proc-Grade for the categorization of student.

objective: . Understand Pulsau stored procedure - Understand pelson Stored Function

sw package in mysal all PLISQL

Write a stored procedure namely procearede for the categorization of customer. If purchase by castomore is between 9999 & 5000 Category is gild if jurchase between 4999 2000 category is silver.

yor can lost armines a sidelions of

Learning objective:

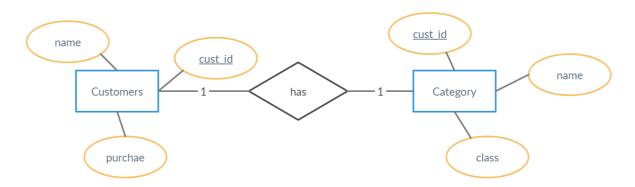
To understand & implement the street function & stored procedure in PL/SQL,

	A struct exceeding ox a circula
	named place black which performs
	A stored procedure or a simple process named procedure or a simple process one or more specific task.
	1707
	This is similar to a procedure in other
	trogramming languages.
	A procedure has beader la hade The
	hades consist of name of the broady
	& parameter or variable passed to the
*	A procedure has header & a body - The header consists of name of the procedure & parameter or variable passed to the the procedure.
	misking to a line
Dage	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
rwii	ng parameters:
	i) JN- parameter
	i) OUT- parameter
	110 IN-OUT parametes
MOCO	in IN-OUT parameter
ynt	ax:
U	
(rea	to [or replace] procedure: proc: name (list-par
	5
1	Declaration section
1	
1	BEAJN
1	execution section
1	EXECUTION Section
)	execution section

The state of the s
How to execute Stored procedure?
1) Execute procedure 2) within another procedure
2) within another procedure
1710(=11010)
B) stored function:  A function is named PLISOL Black
A function is proved PLICOL Black
which is similar a procedure. The
majos difference bet n procedure
& a funition.
a Function must always, return
a value. but a procedure may or
may not a return à value
salverere market Col
Create [or replac] function function (paramete
return return. dutatype:
15
declaration deltioners.
is
declaration section
Begin
Execution Region
return return-variable
END:
LIAD,

feturn Type: The hoader section define the return type of function. The veturn datatype can be any of oracle datatype like varchae, number etc. Conclusion: Hence, we implemented stored proceduse of function.

# **ER-Diagram:**



#### Code:-

```
use plsql;
create table Customer(cust_id int primary key,name varchar(230),total_purchase int);
describe Customer;
create table Category(Cust_id int,Name varchar(230),class varchar(230), foreign key(Cust_id)
references Customers(Cust_id));
describe Category;
insert into Customer values(1,"Swapnil",11000);
insert into Customer values(2, "Ganesh", 6000);
insert into Customer values(3,"Sourabh",3000);
call proc_Grade(11000,1,"Swapnil");
call proc_Grade(6000,2,"Ganesh");
call proc_Grade(3000,3,"Sourabh");
call proc_Grade(4000,4,"rushi");
select * from Customer;
select * from Category;
truncate table Category;
```

```
DELIMITER //
create procedure proc_Grade(purchase int,cust_id int,name varchar(230))
begin

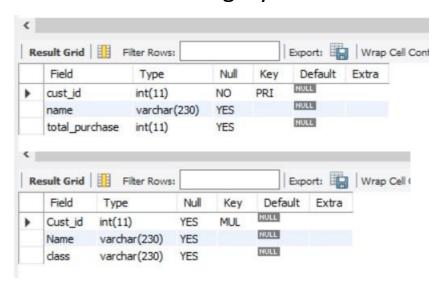
#Exception Handling
declare continue handler for not found
begin
```

```
select 'NOT FOUND';
    end;
        #condition 1
        if( purchase<=20000 && purchase >=10000 )
        then
          insert into Category values(cust_id, name, "Platinum");
        end if;
        #condition2
        if( purchase>=5000 && purchase<=9999)
     then
      insert into Category values(cust_id,name, "gold");
    end if;
   if( purchase>=2000 && purchase<=4999)
     then
      insert into Category values(cust_id,name, "silver");
    end if;
   end;
DELIMITER;
drop procedure proc_Grade;
```

//

# **Output Screen shots:-**

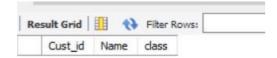
#### **Customer and Category Tables:-**



## Customer Table after inserting 3 values:-



## Category table before calling procedure :-



# Category Table after calling Procedure :-

