A Ssignment 7

Date of Submission: 4/10/20 Date up Completion: 4/9/20 SQL Stored Procedure and Store Function

Problem Statemen

Weite a stored Procedure manely proc Grade for I · Calegorization of custoner I purchase by customer is between 9999 and 2000 category is block for using procedure Customer (cust id name, total purchase

I concept of proces

IN, OUT, INOUT parameters for Procedures

Undestand the functions implementation

Category (cust-id, name, class)

Lenkring Outcomes.

Implement and learn about procedure with and without parameters

Leave the use of function in mysgl

SIW & HIW requirements:

- Windows Ubust

- MYSQL

proposed 501 are query that you write over You can also pass parameters to a stored the stared procedure an act based on the that is passed

Advantages of procedure:

1) Reduces returne traffic.

11) Centralize buiseness logic in the database Disadvantages of procedure: 11) Troubleshooting iii) Maintenances! We can pass parameters to procedures in othere ways: 1) IN parameters 2) OUT parameters 3) IN out parameters A procedure may or may not seturn a value syntax to a stored procedure: DROP Procedure IF EXISTS proc_rame; * DELIMITER / CREATE PROCEDURE proc-rame parame type?) BEGIN 501 statements and queries END 11 DELIMITER; Procedure can be invoked CALL proc_name(param) parame); Functions: a probedul. The major difference is that a function always return a value, but a intered procedure may a may not return value.

```
ysql> SELECT " FROM category;
cust_id | cust_name | class
           WHILL
                        MULL
       1
       2
           John
                        MULL
       3
           Smith
                        MULL
       James
                        MULL
       5
           Harry
                        NULL
           Donald
       6
                        MALL
       7
           Menu
                       MULL
rows in set (0.00 sec)
ysal> SELECT * FROM customer;
                    total purchase
cust id | name
       1
          Will
                               2000
       7
           John
                               5000
       3
           Smith
                               4999
          James
                               9989
       Harry
                              15000
       6
           Dena1d
                              10000
           New
                               5200
rows in set (0.01 sec)
ysql> CALL proc_grade_parametized2(1,@cat);
uery OK, 1 row affected (0.01 sec)
ysql> SELECT @cat;
Beat
Silver
row in set (0.00 sec)
ysol> SELECT * FROM category;
cust_id | cust_name | class
       1
          Will
                       Silver
       2
           John
                       MULE
       3
          Smith
                       MARKET.
       James
                       MULL
       5
          Harry
                       NULL
           Donald
       b
                       MULL
```

MySQL 8.0 Command Line Client