**Assignment-6 [Group:B]**

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**Title:**

**Write and execute PL/SQL stored procedure and function to perform a suitable task on the database. Demonstrate its use.**

**Rollno:06**

**Batch: T1 Subject: DBMS**

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**Stored Procedure and Output:**

mcerc@mcerc-ThinkCentre-M72e:~$ mysql --version

mysql Ver 14.14 Distrib 5.6.35, for debian-linux-gnu (x86\_64) using EditLine wrapper

mcerc@mcerc-ThinkCentre-M72e:~$ -u root -p

-u: command not found

mcerc@mcerc-ThinkCentre-M72e:~$ mysql -u root -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 2

Server version: 5.6.35-1+deb.sury.org~xenial+0.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database tejas;

Query OK, 1 row affected (0.02 sec)

mysql> use tejas;

Database changed

mysql> create table emp(eid integer,ename varchar(10),sal integer);

Query OK, 0 rows affected (0.38 sec)

mysql> insert into emp values(7369,'smith',800);

Query OK, 1 row affected (0.08 sec)

mysql> insert into emp values(7172,'sona',700);

Query OK, 1 row affected (0.04 sec)

mysql> insert into emp values(7173,'sonali',900);

Query OK, 1 row affected (0.06 sec)

mysql> insert into emp values(7174,'sonali',3000);

Query OK, 1 row affected (0.11 sec)

mysql> select \* from emp;

+------+--------+------+

| eid | ename | sal |

+------+--------+------+

| 7369 | smith | 800 |

| 7172 | sona | 700 |

| 7173 | sonali | 900 |

| 7174 | sonali | 3000 |

+------+--------+------+

4 rows in set (0.02 sec)

mysql> delimiter $$

mysql> create procedure display(IN r integer(3))

-> begin

-> select \* from emp where eid=r;

-> end $$

Query OK, 0 rows affected (0.04 sec)

mysql> call display(7369);

-> delimiter $$

+------+-------+------+

| eid | ename | sal |

+------+-------+------+

| 7369 | smith | 800 |

+------+-------+------+

1 row in set (0.03 sec)

Query OK, 0 rows affected (0.03 sec)

**Stored Function Program and Output:**

mysql> delimiter $$

mysql> create function anual(sal int)

-> returns int(7)

-> deterministic

-> begin

-> declare asa1 int(7);

-> set asa1=sal\*12;

-> return asa1;

-> end $$

Query OK, 0 rows affected (0.03 sec)

mysql> select anual(5000) from dual;

-> delimiter $$;

+-------------+

| anual(5000) |

+-------------+

| 60000 |

+-------------+

1 row in set (0.03 sec)