MYSQLPL

1.
```
mysql> create database MYSQLPL;
mysql> use MYSQLPL;
Database changed
mysql> create table temp(fir int,sec char(10));
mysql> delimiter //
mysql> create procedure main()
    -> begin
    -> declare x int;
    -> set x=10;
    -> insert into temp values(x,'insid');
    -> end;//
mysql> delimiter ;
mysql> call main();
mysql> select * from temp;
```

2.
```
mysql> delimiter //
mysql> create procedure main1()
    -> begin
    -> declare x1 int default 100;
    -> insert into temp values(x1,'inside x2');
    -> end;//
mysql> delimiter ;
mysql> call main();
mysql> select * from temp;
```

3.
```
mysql> delimiter //
mysql> create procedure abc()
    -> begin
    -> declare A char(10) default 'CDAC';
    -> insert into temp values(4,A);
    -> end;//
Query OK, 0 rows affected (0.48 sec)

mysql> delimiter ;
mysql> call abc();
Query OK, 1 row affected (0.20 sec)

mysql> select * from temp;
+------+-----------+
| fir  | sec       |
+------+-----------+
|   10 | insid     |
|  100 | inside x2 |
|    4 | CDAC      |
```

4.
```
mysql> delimiter //
mysql> create procedure main3()
    -> begin
    -> declare x char(10) default 'KING';
    -> declare y float default 4000;
    -> declare z float default 0.4;
    -> declare hra float;
    -> set hra=y*z;
    -> insert into temp values(hra,x);
    -> end;//

mysql> delimiter ;
```

```
mysql> call main3();
Query OK, 1 row affected (0.52 sec)

mysql> select * from temp;
+------+-----------+
| fir  | sec       |
+------+-----------+
|   10 | insid     |
|  100 | inside x2 |
|    4 | CDAC      |
| 1600 | KING      |
+------+-----------+

5.
mysql> delimiter //
mysql> create procedure parameter(x float,z float,y char(10))
    -> begin
    -> declare hra float;
    -> set hra=x*z;
    -> insert into temp values(x,y);
    -> insert into temp values(hra,'HRA');
    -> END//
Query OK, 0 rows affected (0.23 sec)

mysql> delimiter ;
mysql> call parameter(4000,0.5,'SCOTT');
Query OK, 1 row affected (0.34 sec)

mysql> select * from temp;
+------+-----------+
| fir  | sec       |
+------+-----------+
|   10 | insid     |
|  100 | inside x2 |
|    4 | CDAC      |
| 1600 | KING      |
| 4000 | SCOTT     |
| 2000 | HRA       |
+------+-----------+

show all procedures in database::
mysql> show procedure status where db='mysqlpl';

drop procedure::
IN ROOT MYSQL:
mysql> drop procedure main2;

*************************************************************************

##GIVE execute permision to other user::

1.mysql> grant execute on procedure mysqlpl.abc to scott@localhost;

2.mysql> commit;

3.IN SCOTT@LOCALHOST USER::
show databases;
use mysqlpl;
4.call abc();
select * from trav;
ERROR 1142 (42000): SELECT command denied to user 'scott'@'localhost' for table
'trav'

##TO REVOKE PERMISSIONS::
```

```
IN ROOTUSER
1.mysql> revoke execute on procedure mysqlpl.abc from scott@localhost;
Query OK, 0 rows affected (0.11 sec)

mysql> commit;
Query OK, 0 rows affected (0.00 sec)

IN SCOTT@LOCALHOST:

mysql> call abc;
ERROR 1370 (42000): execute command denied to user 'scott'@'localhost' for
routine 'mysqlpl.abc'




****************************************************************************
****************

TAKE ONE VALUES FROM OTHER TABLE AND ONE BY ASSIGN IN TEMP::

1.CREATE EMP TABLE FIRST IN SAME DB

mysql> delimiter //
mysql> create procedure main1()
    -> begin
    -> declare x float;
    -> select sal into x from emp where ename='KING';
    -> insert into temp values(x,'SHUBHANGI');
    -> END//
Query OK, 0 rows affected (0.24 sec)

mysql> delimiter ;
mysql> call main1();
Query OK, 1 row affected (0.13 sec)

mysql> select * from temp;
+------+-----------+
| fir  | sec       |
+------+-----------+
|   10 | insid     |
|  100 | inside x2 |
|    4 | CDAC      |
| 1600 | KING      |
| 4000 | SCOTT     |
| 2000 | HRA       |
|    4 | CDAC      |
| 5000 | SHUBHANGI |
+------+-----------+
8 rows in set (0.00 sec)

****************************************************************************
TAKE ONE VALUE FROM OTHER TABLE AND ONE VALUE FROM USER BY GIVING PARAMETER::

mysql> delimiter //
mysql> create procedure p1(name char(10))
    -> begin
    -> declare x float;
    -> select sal into x from emp where job='C';
    -> insert into temp values(x,name);
    -> end//
Query OK, 0 rows affected (0.18 sec)

mysql> delimiter ;
```

```
mysql> call p1('PRATHA');
Query OK, 1 row affected (0.24 sec)

mysql> SELECT * FROM TEMP;
+------+-----------+
| fir  | sec       |
+------+-----------+
|   10 | insid     |
|  100 | inside x2 |
| 2000 | PRATHA    |
+------+-----------+

***************************************************************************
                    TAKE ALL VALUES FROM OTHER TABLE

mysql> create procedure main2()
    -> begin
    -> declare x1 float ;
    -> declare name char(10);
    -> select ename,sal into name,x1 from emp where depno=20;
    -> insert into temp values(x1,name);
    -> end//

mysql> delimiter ;
mysql> call main2();
Query OK, 1 row affected (0.05 sec)

mysql> select * from temp;
+------+-----------+
| fir  | sec       |
+------+-----------+
|   10 | insid     |
|  100 | inside x2 |
| 2000 | PRATHA    |
| 2000 | RAJA      |
| 5000 | KING      |
+------+-----------+
5 rows in set (0.00 sec)

***************************************************************************
mysql> delimiter //
mysql> create procedure main4()
    -> begin
    -> declare x1 float ;
    -> declare name char(10);
    -> declare hra float;
    -> select ename,sal into name,x1 from emp where depno=20;
    -> set hra=x1*0.4;
    -> insert into temp values(hra,name);
    -> end//

mysql> delimiter ;
mysql> call main4();

***************************************************************************
                                    TAKE ALL VALUES FROM OTHER TABLE and
calculate it


mysql> delimiter //
mysql> create procedure main10()
    -> begin
    -> declare x1 float ;
    -> declare name char(10);
```

```
    -> declare hra float;
    -> declare newname char(10);
    -> select ename,sal into name,x1 from emp where depno=20;
    -> set hra=x1*0.8;
    -> set newname=upper(name);
    -> insert into temp values(hra,newname);
    -> end//
Query OK, 0 rows affected (0.15 sec)

mysql> delimiter ;
mysql> call main10();
Query OK, 1 row affected (0.04 sec)

mysql> select * from temp;

----------------------  ***OR***
-----------------------------------------------

mysql> delimiter //
mysql> create procedure main10()
    -> begin
    -> declare x1 float ;
    -> declare name char(10);
    -> declare hra float;
    -> declare newname char(10);
    -> select ename,sal into name,x1 from emp where depno=20;
    -> set hra=x1*0.8,newname=substr(name,1,3);
    -> insert into temp values(hra,newname);
    -> end//
Query OK, 0 rows affected (0.19 sec)

mysql> delimiter ;
mysql> call main10();
Query OK, 1 row affected (0.50 sec)

mysql> select * from temp;
+------+-----------+
| fir  | sec       |
+------+-----------+
|   10 | insid     |
|  100 | inside x2 |
| 2000 | PRATHA    |
| 2000 | RAJA      |
| 4000 | KING      |
| 4000 | KIN       |
+------+-----------+
```