Procedure with pararameters (IN,OUT,INOUT)

IN :: (CAPITAL LETTER),pass by variable,expression,constant

FASTEST IN TERMS OF PROCESSING!!!!!

```
mysql> delimiter //
mysql> create procedure abc(IN y int)
    -> begin
    -> insert into temp values(y,'IN para');
    -> end;//
Query OK, 0 rows affected (0.10 sec)

mysql> delimiter ;
mysql> delimiter //
mysql> create procedure pqr()
    -> begin
    -> declare x int default 1;
    -> call abc(5); //CONSTANT
    -> call abc(x); //VARIABLE
    -> call abc(x*5+2); //EXPRESSION
    -> end;//
Query OK, 0 rows affected (0.14 sec)

mysql> delimiter ;
mysql> call pqr;

mysql> select * from temp;
+------+---------+
| fir  | sec     |
+------+---------+
|    5 | IN para |
|    1 | IN para |
|    7 | IN para |
+------+---------+
```

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*****

OUT (capital letter, only write,pass by variable only,call by reference)

#more secure username,password public network

```
mysql> delimiter //
mysql> create procedure outdemo(OUT y int)
    -> begin
    -> set y=1000;
    -> end;//
Query OK, 0 rows affected (0.10 sec)

mysql> delimiter ;
mysql> delimiter //
mysql> create procedure prq11()
    -> begin
    -> declare x1 int default 100;
    -> insert into temp values(x1,'before out');
    -> call outdemo(x1);//variable address pass
    -> insert into temp values(x1,'after out');
    -> end;//
Query OK, 0 rows affected (0.19 sec)

mysql> delimiter ;

mysql> call prq11();
```

```
mysql> call prq11();

mysql> select * from temp;
+------+------------+
| fir  | sec        |
+------+------------+
|  100 | before out |
|  1000 | after out  |
+------+------------+
2 rows in set (0.00 sec)

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:::INOUT (pass by variavle,call by ref,return value indirectly)
##less secure . local network like cdac,home
##most powerful and best


mysql> delimiter //
mysql> create procedure outdemo(INOUT y int)
    -> begin
    -> set y=y*y*y;
    -> end;//
Query OK, 0 rows affected (0.13 sec)

mysql> delimiter ;
mysql> delimiter //
mysql> create procedure pqr()
    -> begin
    -> declare x int default 10;
    -> insert into temp values(x,'before INOUT');
    -> call outdemo(x);
    -> insert into temp values(x,'after INOUT');
    -> end;//
Query OK, 0 rows affected (0.18 sec)

mysql> delimiter ;
mysql> call pqr();
mysql> select * from temp;
+------+--------------+
| fir  | sec          |
+------+--------------+
|   10 | before INOUT |
| 1000 | after INOUT  |
+------+--------------+
```