

```
                                stored function
    #must return values so need variable to store that values i.e returns
int,char,float
    #should mention deterministic or nondeterministic
```

```
##function without passing argument
##no parameters
mysql> delimiter ;
mysql> delimiter //
mysql> create function abc()//parameterless function
-> returns int
-> deterministic
-> begin
-> return 10;
-> end;//
```

Query OK, 0 rows affected (0.18 sec)

```
mysql> delimiter ;
mysql> delimiter //
mysql> create procedure xy()
-> begin
-> declare x int;
-> set x=abc();
-> insert into temp values(x,'after abc');
-> end;//
```

Query OK, 0 rows affected (0.18 sec)

```
mysql> delimiter ;
mysql> call xy();
Query OK, 1 row affected (0.17 sec)
```

```
mysql> select * from temp;
+-----+-----+
| fir   | sec      |
+-----+-----+
| 10    | after abc |
+-----+-----+
1 row in set (0.00 sec)
```

```
##Function with parameters
```

```
mysql> delimiter //
mysql> create function abc(y int) //parameterized function
-> returns int
-> deterministic
-> begin
-> return y*y;
-> end;//
```

Query OK, 0 rows affected (0.18 sec)

```
mysql> delimiter ;
mysql> delimiter //
mysql> create procedure abc()
-> begin
-> declare x int ;
-> set x=abc(5);
-> insert into temp values(x,'after abc');
-> end;//
```

Query OK, 0 rows affected (0.22 sec)

```
mysql> delimiter ;
```

```
mysql> call abc();
Query OK, 1 row affected (0.16 sec)
```

```
mysql> select * from temp;
+-----+-----+
| fir   | sec   |
+-----+-----+
| 25    | after abc |
+-----+-----+
```

```
*****
**
```

##Function with parameters and in procedure values taken from other tables

```
mysql> delimiter //
mysql> create function abcd(sal int)
-> returns boolean
-> deterministic
-> begin
-> if sal>5000 then
->         return TRUE;
-> else
-> return FALSE;
-> end if;
-> end;//
Query OK, 0 rows affected (0.23 sec)
```

```
mysql> delimiter ;
mysql> delimiter //
mysql> create procedure pqrs()
-> begin
-> declare salary int;
-> select sal into salary from employee where empno=1;
-> if abcd(salary) then
-> insert into temp values(salary, '>5000');
-> else
-> insert into temp values(salary, '<5000');
-> end if;
-> end;//
Query OK, 0 rows affected (0.16 sec)
```

```
mysql> delimiter ;
mysql> call pqrs();
Query OK, 1 row affected (0.14 sec)
```

```
mysql> select * from temp;
+-----+-----+
| fir   | sec   |
+-----+-----+
| 8000  | >5000 |
+-----+-----+
```