```
mysql> delimiter //
mysql> create procedure day() begin select name,salary,deptname from emplo; end
    -> //
Query OK, 0 rows affected (0.02 sec)

mysql> call day();
    -> //
+--------+--------+-------------+
| name   | salary | deptname    |
+--------+--------+-------------+
| leela  |  25000 | mathematics |
| vamsi  |  30000 | commerce    |
| balaji |  50000 | testing     |
+--------+--------+-------------+
3 rows in set (0.01 sec)

Query OK, 0 rows affected (0.02 sec)
```

```
mysql> create function oh(n int) returns int deterministic begin declare result int default 1; if n=0 or n=1 then return
 1; else while n>1 do set result=result*n; set n=n-1; end while; return result; end if; end //
Query OK, 0 rows affected (0.01 sec)

mysql> select oh(5) as result;
    -> //
+--------+
| result |
+--------+
|    120 |
+--------+
1 row in set (0.00 sec)
```

```
mysql> delimiter //
mysql> create procedure hello() begin declare v_employee_name varchar(20); declare v_salary int; declare emp cursor for
select name,salary from emplo; open emp; fetch emp into v_employee_name,v_salary; while(v_employee_name is not null) do
select concat('employee:',v_employee_name,',salary:',v_salary) as result; fetch emp into v_employee_name,v_salary; end w
hile; close emp; end
    -> //
Query OK, 0 rows affected (0.02 sec)

mysql> call hello();
    -> //
+-----------------------------+
| result                      |
+-----------------------------+
| employee:leela,salary:25000 |
+-----------------------------+
1 row in set (0.01 sec)

+-----------------------------+
| result                      |
+-----------------------------+
| employee:vamsi,salary:30000 |
+-----------------------------+
1 row in set (0.01 sec)

+-----------------------------+
| result                      |
+-----------------------------+
| employee:balaji,salary:50000 |
+-----------------------------+
1 row in set (0.01 sec)
```

```
mysql> delimiter //
mysql> create procedure okk() begin declare ename varchar(30); declare e_mail varchar(20); declare cur cursor for select
 name,email from emp; open cur; fetch cur into ename,e_mail; while(ename is not null) do select concat('name:',ename,'em
ail:',e_mail) as result; fetch cur into ename,e_mail; end while; close cur; end //
Query OK, 0 rows affected (0.01 sec)

mysql> call okk();
    -> //
+-------------------------------+
| result                        |
+-------------------------------+
| name:leelaemail:leela@gmail.com |
+-------------------------------+
1 row in set (0.00 sec)

+-------------------------------+
| result                        |
+-------------------------------+
| name:vamsiemail:vamsi@gmail   |
+-------------------------------+
1 row in set (0.01 sec)
```

```
mysql> delimiter //
mysql> create function alpha(creditlimit int) returns varchar(20) deterministic begin declare cust_level varchar(20) ; i
f creditlimit >= 50000 then set cust_level ='platinum'; elseif creditlimit >=30000 then set cust_level ='gold'; else set
 cust_level = 'silver'; end if; return cust_level; end//
Query OK, 0 rows affected (0.02 sec)

mysql> select alpha(45000) as result;
    -> //
+--------+
| result |
+--------+
| gold   |
+--------+
1 row in set (0.01 sec)

mysql> select alpha(55000) as result;//
+----------+
| result   |
+----------+
| platinum |
+----------+
```