

1. DELIMITER \$\$

```
CREATE PROCEDURE getdetails()
```

```
BEGIN
```

```
SELECT * FROM employee;
```

```
END $$
```

```
DELIMITER;
```

```
call getdetails();
```

emp_id	firstname	lastname	bdate	salary	branchid
101	Sam	Newton	1960-07-02	50000	B1
102	Elvin	Gomes	2000-01-03	60000	B2
103	Jack	Sparrow	1980-09-04	75000	B2

2. DELIMITER \$\$

```
CREATE PROCEDURE getdetails2(IN empid INT)
```

```
BEGIN
```

```
SELECT * FROM employee WHERE emp_id = empid;
```

```
END $$
```

```
DELIMITER
```

```
call getdetails2(103);
```

emp_id	firstname	lastname	bdate	salary	branchid
103	Jack	Sparrow	1980-09-04	75000	B2

3. DELIMITER \$\$

```
CREATE PROCEDURE getclientdetails(IN clientid varchar(5))
```

```
BEGIN
```

```
SELECT client.branchid, COUNT(employee.emp_id) FROM client JOIN  
employee ON client.branchid = employee.branchid WHERE client.client_id  
= clientid;
```

```
END $$
```

```
DELIMITER
```

```
call getclientdetails('C2')
```

branchid	COUNT(employee.emp_id)
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B2	2
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4.

DELIMITER \$\$

CREATE PROCEDURE UpdateSalaryAndClients(IN empId INT)

BEGIN

SELECT

e.emp_id,

e.salary,

COUNT(w.client_id) AS numClients,

e.salary * (1 + (e.salary > 74000 AND COUNT(w.client_id) >= 1) *
0.01

+ (e.salary BETWEEN 49000 AND 61000 AND
COUNT(w.client_id) > 2) * 0.02

+ (e.salary > 49000 AND COUNT(w.client_id) > 2) *
0.05) AS increasedSalary

FROM

employee e

JOIN

workswith w ON e.emp_id = w.emp_id

WHERE

e.emp_id = empId

GROUP BY

e.emp_id;

END \$\$

DELIMITER ;

call UpdateSalaryAndClients(103);

emp_id	salary	numClients	increasedSalary
103	75000	1	75750.00

5. DELIMITER \$\$

```
CREATE PROCEDURE UpdateAllSalariesAndClients()
BEGIN
    SELECT
        e.emp_id,
        e.salary,
        COUNT(w.client_id) AS numClients,
        e.salary * (1 + (e.salary > 74000 AND COUNT(w.client_id) >= 1) *
0.01
        + (e.salary BETWEEN 49000 AND 61000 AND
COUNT(w.client_id) > 2) * 0.02
        + (e.salary > 49000 AND COUNT(w.client_id) > 2) *
0.05) AS increasedSalary
    FROM
        employee e
    JOIN
        workswith w ON e.emp_id = w.emp_id
    GROUP BY
        e.emp_id;
END $$
```

DELIMITER ;

call UpdateAllSalariesAndClients();

emp_id	salary	numClients	increasedSalary
101	50000	1	50000.00
102	60000	1	60000.00
103	75000	1	75750.00