

```
mysql> SELECT
->     emp_name,
->     emp_salary,
->     (emp_salary * 12) AS annual_compensation
->FROM employee_info;
```

emp_name	emp_salary	annual_compensation
Neha Singh	35000.00	420000.00
Aastha Verma	32000.00	384000.00
Bhagyashri	28000.00	336000.00
Shweta	40000.00	480000.00

4 rows in set (0.00 sec)

```
mysql> SELECT
->     CONCAT(emp_name, ' earns ', emp_salary, ' monthly') AS "Earning Details"
->FROM employee_info;
```

Earning Details
Neha Singh earns 35000.00 monthly
Aastha Verma earns 32000.00 monthly
Bhagyashri earns 28000.00 monthly
Shweta earns 40000.00 monthly

4 rows in set (0.00 sec)

```
mysql> SELECT
->     CONCAT(UCASE(LEFT(emp_name, 1)), LCASE(SUBSTRING(emp_name, 2))) AS Name,
->     LENGTH(emp_name) AS "Length of Name"
-> FROM employee_info
-> WHERE emp_name LIKE 'A%' OR emp_name LIKE 'D%' OR emp_name LIKE 'V%'
-> ORDER BY emp_name;
```

Name	Length of Name
Aastha Verma	11
Neha Singh	13
Bhagyashri	13

3 rows in set (0.03 sec)

```
mysql> SELECT
->     sr_no AS emp_no,
->     emp_name,
->     emp_salary,
->     emp_salary + (emp_salary * 15 / 100) AS new_salary,
->     (emp_salary + (emp_salary * 15 / 100)) - emp_salary AS increase
-> FROM employee_info;
```

emp_no	emp_name	emp_salary	new_salary	increase
1	Neha Singh	35000.00	40250.0000	5250.000000
2	Aastha Verma	32000.00	36800.0000	4800.000000
3	Bhagyashri	28000.00	32200.0000	4200.000000
4	Shweta	40000.00	46000.0000	6000.000000

4 rows in set (0.00 sec)

```
mysql> SELECT
->     sr_no AS emp_no,
->     emp_name,
->     emp_salary,
->     ROUND(emp_salary + (emp_salary * 0.15)) AS new_salary
-> FROM employee_info;
```

emp_no	emp_name	emp_salary	new_salary
1	Neha Singh	35000.00	40250
2	Aastha Verma	32000.00	36800
3	Bhagyashri	28000.00	32200
4	Shweta	40000.00	46000

4 rows in set (0.01 sec)

```
mysql> SELECT
->     emp_id,
->     emp_name,
->     TIMESTAMPDIFF(MONTH, hire_date, CURDATE()) AS Employment_Months
-> FROM employee_date;
```

emp_id	emp_name	Employment_Months
1	Neha Singh	136
2	Aastha Verma	93
3	Bhagyashri	71
4	Shweta	66

4 rows in set (0.01 sec)

```
mysql> SELECT
    ->     DATE_FORMAT(NOW(), '%D of %M %Y %r') AS "DATE";
+-----+
| DATE                                     |
+-----+
| 10th of November 2025 07:39:08 PM |
+-----+
1 row in set (0.01 sec)
```

```
mysql> SELECT LTRIM('SQL Function') AS RESULT;
+-----+
| RESULT      |
+-----+
| SQL Function |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT RTRIM('SQL Function ') AS RESULT;
+-----+
| RESULT      |
+-----+
| SQL Function|
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT CURDATE() AS date;
+-----+
| date      |
+-----+
| 2025-11-10 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT UPPER('gec') AS UPPER;
```

```
+-----+
| UPPER |
+-----+
| GEC   |
+-----+
1 row in set (0.01 sec)
```

```
mysql> SELECT REPLACE('DATA MANAGEMENT', 'DATA', 'DATABASE') AS REPLACE_TEXT;
```

```
+-----+
| REPLACE_TEXT |
+-----+
| DATABASE MANAGEMENT |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT SUBSTRING('Database Management System', 9) AS RESULT;
```

```
+-----+
| RESULT |
+-----+
| Management System |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT INSTR('Google apps are great applications', 'app') AS POSITION;
```

```
+-----+
| POSITION |
+-----+
| 8       |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT
```

```
->     emp_id,
->     emp_name,
->     TIMESTAMPDIFF(MONTH, hire_date, CURDATE()) AS Employment_Months
-> FROM employee_date;
```

```
+-----+
| emp_id | emp_name   | Employment_Months |
+-----+
| 1      | Pawan Singh | 136               |
| 2      | Bittu Singh | 93                |
| 3      | Aryan Dubey | 71                |
| 4      | Munna Thakur | 66                |
| 5      | Suraj Rajput | 46                |
+-----+
5 rows in set (0.01 sec)
```

```
mysql> SELECT
->     CONCAT(UCASE(LEFT(emp_name, 1)), LCASE(SUBSTRING(emp_name, 2))) AS Name,
->     LENGTH(emp_name) AS "Length of Name"
-> FROM employee_info
-> WHERE emp_name LIKE 'S%' OR emp_name LIKE 'B%' OR emp_name LIKE 'P%'
-> ORDER BY emp_name;
```

Name	Length of Name
Suraj Rajput	11
Bittu Singh	11
Pawan Singh	13

4 rows in set (0.03 sec)

```
mysql> SELECT LOWER('GEC_ENGINEERING') AS LOWERCASE_TEXT;
```

LOWERCASE_TEXT
gec_engineering

1 row in set (0.00 sec)

```
mysql> SELECT
->     SYSDATE() AS Today_Date,
->     ADDDATE(SYSDATE(), INTERVAL 5 MONTH) AS Add_5_Months;
```

```
+-----+-----+
| Today_Date          | Add_5_Months          |
+-----+-----+
| 2025-11-10 19:45:23 | 2026-04-10 19:45:23 |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT SYSDATE() AS Current_Date, DATE_FORMAT(SYSDATE(), '%Y-%m-01') AS Round_Month;
```

```
+-----+-----+
| Current_Date        | Round_Month           |
+-----+-----+
| 2025-11-10 19:48:00 | 2025-11-01           |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT SYSDATE() AS Current_Date, DATE_FORMAT(SYSDATE(), '%Y-%m-01') AS Trunc_Month;
```

```
+-----+-----+
| Current_Date        | Trunc_Month           |
+-----+-----+
| 2025-11-10 19:50:12 | 2025-11-01           |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT CONCAT(
->     UPPER(LEFT('gec_engineering', 1)),
->     LOWER(SUBSTRING('gec_engineering', 2))
-> ) AS INITCAP;
```

```
+-----+
| INITCAP          |
+-----+
| Gec_engineering |
+-----+
1 row in set (0.01 sec)
```