

```
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)
```