

WEEK 2 WORKING WITH DATE:

TASK 1

```
mysql> SELECT input_date,
    ->      MONTHNAME(
    ->          STR_TO_DATE(input_date, '%d-%m-%Y')
    ->      ) AS month_name
    -> FROM input_dates;
+-----+-----+
| input_date | month_name |
+-----+-----+
| 15-02-2026 | February   |
| 10-12-2025 | December   |
+-----+-----+
2 rows in set (0.03 sec)

mysql>
```

TASK 2

```
mysql> SELECT *
    -> FROM employees
    -> WHERE DAYOFWEEK(created_at) IN (1, 7);
+-----+-----+-----+
| emp_id | emp_name | created_at |
+-----+-----+-----+
|      1 | Arun     | 2026-02-01 |
|      3 | Meena    | 2026-02-07 |
+-----+-----+-----+
2 rows in set (0.02 sec)

mysql>
```

TASK 3

```
mysql> SELECT DATE_SUB(CURDATE(), INTERVAL 7 DAY) AS date_before_7_days;
+-----+
| date_before_7_days |
+-----+
| 2026-01-27         |
+-----+
1 row in set (0.00 sec)

mysql>
```

TASK 4

```
mysql> SELECT user_name,
    ->      DATE_ADD(start_date, INTERVAL 30 DAY) AS expiry_date
    -> FROM subscriptions;
+-----+-----+
| user_name | expiry_date |
+-----+-----+
| Rahul     | 2026-03-03  |
| Anita     | 2026-02-19  |
+-----+-----+
2 rows in set (0.01 sec)

mysql> S|
```

TASK 5

```
mysql> SELECT project_name,
    ->      DATEDIFF(end_date, start_date) AS total_days
    -> FROM projects;
+-----+-----+
| project_name | total_days |
+-----+-----+
| Website Development |      9 |
| Mobile App        |     36 |
+-----+-----+
2 rows in set (0.02 sec)

mysql>
```