

## 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>
```