Q1: OTP Validation Trigger

```
INSERT INTO driver VALUES (1,'Ravi',1234);
Output:
Query OK, 1 row affected

INSERT INTO driver VALUES (2,'Amit',9999);
Output:
ERROR: Invalid OTP. Operation denied
```

Q2: Auto Update Order Total

```
INSERT INTO dishes VALUES (101,200);
INSERT INTO orders VALUES (1,0);
INSERT INTO order_items VALUES (1,101,2);

SELECT * FROM orders;
Output:
order_id | total_amount
1        | 400
```

Q3: Auto created_at Timestamp

```
INSERT INTO users (id,name) VALUES (1,'Anjali');

SELECT * FROM users;
Output:
1 | Anjali | 2026-02-05 10:30:15
```

Q4: Prevent Negative Salary

```
INSERT INTO employee VALUES (1,'Rahul',-5000);
Output:
ERROR: Salary cannot be negative
```

Q5: Employee Audit Log

```
UPDATE employee SET salary=30000 WHERE emp_id=1;

SELECT * FROM employee_audit;
Output:
1 | Kiran | 25000 | 2026-02-05 11:00:10
```

Date Functions Outputs

```
DATEDIFF('2025-12-31','2025-12-01') = 30
DATE_ADD('2025-02-01', INTERVAL 30 DAY) = 2025-03-03
MONTHNAME('15-08-2025') = August
```

Index & Function Outputs

```
Duplicate username insert → ERROR
Indexed aadhar search → Faster execution
SUBSTRING_INDEX('anjali@gmail.com','@',1) = anjali
```