TP05

INTRO TO DATABASE

Instructor: Mr. NOP Phearum

Preparation by

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Part1: Practice DDL

1. CREATE all tables from schema TP04
2. Add new column created_at TIMESTAMp to each table.

SQL:

```sql
USE tp05;

CREATE TABLE Branch(
    branch_id VARCHAR(100) PRIMARY KEY,
    manager VARCHAR(100) NOT NULL,
    name VARCHAR(100) NOT NULL,
    address VARCHAR(100) NOT NULL
);

CREATE TABLE Event(
    event_id VARCHAR(100) PRIMARY KEY,
    title VARCHAR(100) NOT NULL,
    date DATE NOT NULL,
    target_audience VARCHAR(100) NOT NULL,
    branch_id VARCHAR (100),
    FOREIGN KEY (branch_id) REFERENCES Branch(branch_id)
);

CREATE TABLE Member (
    member_id VARCHAR(100) PRIMARY KEY,
    role VARCHAR(100) NOT NULL,
    name VARCHAR(100) NOT NULL,
    hired_date DATE NOT NULL,
    contact INT NOT NULL,
    dob DATE NOT NULL
);

CREATE TABLE Event_Registration(
    event_id VARCHAR(100),
    memeber_id VARCHAR(100),
    FOREIGN KEY (event_id) REFERENCES Event(event_id),
    FOREIGN KEY (memeber_id) REFERENCES Member(member_id)
);

CREATE TABLE Reservation(
```

```
    date_of_reservation DATE NOT NULL,
    expire_date DATE NOT NULL,
    hold_id VARCHAR(100) NOT NULL,
    status VARCHAR(100) NOT NULL,
    member_id VARCHAR(100),
    FOREIGN KEY (member_id) REFERENCES Member(member_id)
);

CREATE TABLE Item(
    item_id VARCHAR(100) PRIMARY KEY,
    genre VARCHAR(100) NOT NULL,
    type VARCHAR(100) NOT NULL,
    language VARCHAR(100) NOT NULL,
    isbn VARCHAR(100) NOT NULL,
    status VARCHAR(100) NOT NULL,
    branch_id VARCHAR(100),
    FOREIGN KEY (branch_id) REFERENCES Branch(branch_id)
);

CREATE TABLE Acquisition(
    vendor VARCHAR(100) NOT NULL,
    cost DOUBLE NOT NULL,
    purchase_date DATE NOT NULL,
    item_id VARCHAR(100),
    FOREIGN KEY (item_id) REFERENCES Item(item_id)
);

CREATE TABLE Receipt(
    purchase_id VARCHAR(100) PRIMARY KEY,
    purchase_date DATE NOT NULL,
    cost DOUBLE NOT NULL,
    genre VARCHAR(100) NOT NULL
);

CREATE TABLE Borrowing_Rule(
    item_type VARCHAR(100) PRIMARY KEY,
    loan_date DATE NOT NULL,
    fine_rule VARCHAR(100) NOT NULL
);

CREATE TABLE BorrowTransaction(
    transaction_id VARCHAR(100) PRIMARY KEY,
    cost DOUBLE NOT NULL,
    genere VARCHAR(100) NOT NULL,
    return_date DATE NOT NULL,
    return_condition VARCHAR(100) NOT NULL,
    member_id VARCHAR(100),
    branch_id VARCHAR(100),
    item_id VARCHAR(100),
    FOREIGN KEY (member_id) REFERENCES Member(member_id),
    FOREIGN KEY (branch_id) REFERENCES Branch(branch_id),
    FOREIGN KEY (item_id) REFERENCES Item(item_id)
);
```

```sql
CREATE TABLE Fine(
    amount INT NOT NULL,
    fine_date DATE NOT NULL,
    payment_date DATE NOT NULL,
    status VARCHAR(100) NOT NULL,
    member_id VARCHAR(100),
    transaction_id VARCHAR(100),
    FOREIGN KEY (member_id) REFERENCES Member(member_id),
    FOREIGN KEY (transaction_id) REFERENCES BorrowTransaction(transaction_id)
);

CREATE TABLE Emplyee(
    id VARCHAR(100) PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    dob DATE NOT NULL,
    hire_date DATE NOT NULL,
    contact INT NOT NULL
);
```

Output:

✓	22	09:26:38	CREATE TABLE Branch(branch_id VARCHAR(100) PRIMARY KEY, manager VARCHAR(100) NOT NULL, name VARCHA...	0 row(s) affected
✓	23	09:26:41	CREATE TABLE Event(event_id VARCHAR(100) PRIMARY KEY, title VARCHAR(100) NOT NULL, date DATE NOT NULL...	0 row(s) affected
✓	24	09:26:46	CREATE TABLE Member (member_id VARCHAR(100) PRIMARY KEY, role VARCHAR(100) NOT NULL, name VARCHA...	0 row(s) affected
✓	25	09:26:50	CREATE TABLE Event_Registration(event_id VARCHAR(100), memeber_id VARCHAR(100), FOREIGN KEY (event_id) REF...	0 row(s) affected
✓	26	09:26:54	CREATE TABLE Reservation(date_of_reservation DATE NOT NULL, expire_date DATE NOT NULL, hold_id VARCHAR...	0 row(s) affected
✓	27	09:26:59	CREATE TABLE Item(item_id VARCHAR(100) PRIMARY KEY, genre VARCHAR(100) NOT NULL, type VARCHAR(100) N...	0 row(s) affected
✓	28	09:27:02	CREATE TABLE Acquisition(vendor VARCHAR(100) NOT NULL, cost DOUBLE NOT NULL, purchase_date DATE NOT N...	0 row(s) affected
✓	29	09:27:06	CREATE TABLE Receipt(purchase_id VARCHAR(100) PRIMARY KEY, purchase_date DATE NOT NULL, cost DOUBLE NO...	0 row(s) affected
✓	30	09:27:10	CREATE TABLE Borrowing_Rule(item_type VARCHAR(100) PRIMARY KEY, loan_date DATE NOT NULL, fine_rule VARC...	0 row(s) affected
✓	31	09:27:14	CREATE TABLE BorrowTransaction(transaction_id VARCHAR(100) PRIMARY KEY, cost DOUBLE NOT NULL, genere VA...	0 row(s) affected
✓	32	09:27:18	CREATE TABLE Fine(amount INT NOT NULL, fine_date DATE NOT NULL, payment_date DATE NOT NULL, status VA...	0 row(s) affected
✓	33	09:27:23	CREATE TABLE Emplyee(id VARCHAR(100) PRIMARY KEY, name VARCHAR(100) NOT NULL, dob DATE NOT NULL, hi...	0 row(s) affected

```sql
-- ALTER TABLE to add new column create_at TIMESTAMP to each table.

ALTER TABLE Branch ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Event ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Member ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Event_Registration ADD COLUMN created_at TIMESTAMP DEFAULT
CURRENT_TIMESTAMP;
ALTER TABLE Reservation ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Item ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Acquisition ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Receipt ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Borrowing_Rule ADD COLUMN created_at TIMESTAMP DEFAULT
CURRENT_TIMESTAMP;
ALTER TABLE BorrowTransaction ADD COLUMN created_at TIMESTAMP DEFAULT
CURRENT_TIMESTAMP;
```

```sql
ALTER TABLE Fine ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Emplyee ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
```

Output:

✅	34	09:39:35	ALTER TABLE Branch ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	35	09:39:39	ALTER TABLE Event ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	36	09:39:43	ALTER TABLE Member ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	37	09:39:48	ALTER TABLE Event_Registration ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	38	09:39:53	ALTER TABLE Reservation ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	39	09:39:58	ALTER TABLE Item ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	40	09:40:02	ALTER TABLE Acquisition ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	41	09:40:06	ALTER TABLE Receipt ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	42	09:40:10	ALTER TABLE Borrowing_Rule ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	43	09:40:15	ALTER TABLE BorrowTransaction ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	44	09:40:20	ALTER TABLE Fine ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	45	09:40:24	ALTER TABLE Emplyee ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0

Part 2: Practice DML

1. INSERT: Add at least 3-5 entries per table
2. UPDATE: Change or Modify something
3. DELETE:Remove any entrie from the table
4. DROP: Drop one sample table

SQL:

```sql
-- ALTER TABLE to add new column create_at TIMESTAMP to each table.

ALTER TABLE Branch ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Event ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Member ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Event_Registration ADD COLUMN created_at TIMESTAMP DEFAULT
CURRENT_TIMESTAMP;
ALTER TABLE Reservation ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Item ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Acquisition ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Receipt ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Borrowing_Rule ADD COLUMN created_at TIMESTAMP DEFAULT
CURRENT_TIMESTAMP;
ALTER TABLE BorrowTransaction ADD COLUMN created_at TIMESTAMP DEFAULT
CURRENT_TIMESTAMP;
ALTER TABLE Fine ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
ALTER TABLE Emplyee ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;


ALTER TABLE Emplyee RENAME TO Employee;
```

```sql
-- INSERT statements samples

INSERT INTO Branch (branch_id, manager, name, address, created_at)
VALUES
    ('DT001', 'Kol Thyda', 'Phnom Penh Central Library', 'Road 192, Phnom Penh',
CURRENT_TIMESTAMP),
    ('DT002', 'Do Davin', 'Siem Reap Campus Library', 'Road 60, Siem Reap',
CURRENT_TIMESTAMP),
    ('DT003', 'Scar King', 'Battambang Regional Library', 'Street 1.5,
Battambang', CURRENT_TIMESTAMP);

INSERT INTO Employee (id, name, dob, role, hire_date, contact, created_at)
VALUES
    ('EM001', 'Alice Chan', '1990-04-15', 'Software Engineering', '2020-06-01',
123456789, CURRENT_TIMESTAMP),
    ('EM002', 'Bora Seng', '1985-09-30', 'IT Support', '2018-02-20', 987654321,
CURRENT_TIMESTAMP),
    ('EM003', 'Dara Kim', '1992-12-10', 'Administrator', '2021-01-15', 876543210,
CURRENT_TIMESTAMP);

INSERT INTO Event (event_id, branch_id, title, date, target_audience, created_at)
VALUES
    ('EV001', 'DT001', 'Summer Reading Program', '2025-07-01', 'Children',
CURRENT_TIMESTAMP),
    ('EV002', 'DT002', 'Tech Workshop', '2025-08-15', 'Young Adults',
CURRENT_TIMESTAMP),
    ('EV003', 'DT003', 'Author Talk', '2025-09-05', 'General Public',
CURRENT_TIMESTAMP);

INSERT INTO Member (member_id, role, name, hired_date, contact, dob, created_at)
VALUES
    ('M001', 'Librarian', 'Sokun Nary', '2022-03-10', 123123123, '1990-07-12',
CURRENT_TIMESTAMP),
    ('M002', 'Assistant', 'Chan Dara', '2023-01-05', 456456456, '1995-11-22',
CURRENT_TIMESTAMP),
    ('M003', 'Volunteer', 'Kanha Meas', '2024-05-20', 789789789, '2000-02-18',
CURRENT_TIMESTAMP);

INSERT INTO Item (item_id, branch_id, genre, type, language, isbn, status,
created_at)
VALUES
    ('IT001', 'DT001', 'Fiction', 'Book', 'English', '978-0-123456-47-2',
'Available', CURRENT_TIMESTAMP),
    ('IT002', 'DT002', 'Science', 'Magazine', 'Khmer', '978-1-234567-89-0',
'Checked Out', CURRENT_TIMESTAMP),
    ('IT003', 'DT003', 'Technology', 'DVD', 'English', '978-0-987654-32-1',
'Available', CURRENT_TIMESTAMP);

INSERT INTO Borrowing_Rule (item_type, loan_date, fine_rule, created_at)
VALUES
    ('Book', '2025-06-01', '500 Riel per day after due date', CURRENT_TIMESTAMP),
    ('DVD', '2025-06-01', '1000 Riel per day after due date', CURRENT_TIMESTAMP),
    ('Magazine', '2025-06-01', 'No fine, return within 3 days',
CURRENT_TIMESTAMP);
```

```sql
INSERT INTO Reservation (hold_id, member_id, date_of_reservation, expire_date,
status, created_at)
VALUES
    ('H001', 'M001', '2025-06-20', '2025-06-27', 'Active', CURRENT_TIMESTAMP),
    ('H002', 'M002', '2025-06-18', '2025-06-25', 'Expired', CURRENT_TIMESTAMP),
    ('H003', 'M003', '2025-06-22', '2025-06-29', 'Active', CURRENT_TIMESTAMP);

INSERT INTO Reservation (member_id, item_id, date_of_reservation, expire_date,
hold_id, status, created_at)
VALUES
    ('M001', 'IT001', '2025-06-20', '2025-06-27', 'HOLD001', 'Active',
CURRENT_TIMESTAMP),
    ('M002', 'IT002', '2025-06-18', '2025-06-25', 'HOLD002', 'Expired',
CURRENT_TIMESTAMP),
    ('M003', 'IT003', '2025-06-22', '2025-06-29', 'HOLD003', 'Pending',
CURRENT_TIMESTAMP);

INSERT INTO Event_Registration (event_id, member_id, created_at)
VALUES
    ('EV001', 'M001', CURRENT_TIMESTAMP),
    ('EV002', 'M002', CURRENT_TIMESTAMP),
    ('EV003', 'M003', CURRENT_TIMESTAMP);

INSERT INTO BorrowTransaction (transaction_id, member_id, branch_id, item_id,
cost, genere, return_date, return_condition, created_at)
VALUES
    ('T001', 'M001', 'DT001', 'IT001',  0.0, 'Fiction', '2025-07-01', 'Good',
CURRENT_TIMESTAMP),
    ('T002', 'M002', 'DT002', 'IT002',  2.5, 'Science', '2025-06-28', 'Damaged',
CURRENT_TIMESTAMP),
    ('T003', 'M003', 'DT003', 'IT003',  0.0, 'Technology', '2025-07-05', 'Good',
CURRENT_TIMESTAMP);

INSERT INTO Fine (member_id, transaction_id, amount, fine_date, payment_date,
status, created_at)
VALUES
    ('M001', 'T002', 500, '2025-06-20', '2025-06-22', 'Paid', CURRENT_TIMESTAMP),
    ('M002', 'T003', 1000, '2025-06-25', '2025-06-21', 'Unpaid',
CURRENT_TIMESTAMP),
    ('M003', 'T001', 200, '2025-06-18', '2025-06-19', 'Paid', CURRENT_TIMESTAMP);

INSERT INTO Acquisition (item_id, vendor, cost, purchase_date, created_at)
VALUES
    ('IT001', 'BookWorld Supplies', 150.00, '2025-05-10', CURRENT_TIMESTAMP),
    ('IT003', 'TechGear Inc.', 300.50, '2025-06-01', CURRENT_TIMESTAMP),
    ('IT002', 'Magazine Hub', 75.25, '2025-04-20', CURRENT_TIMESTAMP);

INSERT INTO Receipt (purchase_id, purchase_date, cost, genre, created_at)
VALUES
    ('P001', '2025-06-15', 150.00, 'Fiction', CURRENT_TIMESTAMP),
    ('P002', '2025-06-20', 300.50, 'Technology', CURRENT_TIMESTAMP);

-- Update: Change in a branch manager
```

```sql
UPDATE Branch
SET manager = 'New Manager Name'
WHERE branch_id = 'DT003';

-- DELETE FROM Reservation

DELETE FROM Reservation
WHERE expire_date < CURRENT_DATE
AND member_id = 'M001';

-- Modify a column type

ALTER TABLE Branch
MODIFY COLUMN address VARCHAR(500);

-- Drop a table
DROP TABLE Receipt;
```

Output:

```sql
UPDATE Branch
SET manager = 'New Manager Name'
WHERE branch_id = 'DT003';
```

✅	34	09:39:35	ALTER TABLE Branch ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	35	09:39:39	ALTER TABLE Event ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	36	09:39:43	ALTER TABLE Member ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	37	09:39:48	ALTER TABLE Event_Registration ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	38	09:39:53	ALTER TABLE Reservation ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	39	09:39:58	ALTER TABLE Item ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	40	09:40:02	ALTER TABLE Acquisition ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	41	09:40:06	ALTER TABLE Receipt ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	42	09:40:10	ALTER TABLE Borrowing_Rule ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	43	09:40:15	ALTER TABLE BorrowTransaction ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	44	09:40:20	ALTER TABLE Fine ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	45	09:40:24	ALTER TABLE Emplyee ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	46	09:42:27	ALTER TABLE Emplyee RENAME TO Employee	0 row(s) affected
✅	47	09:55:49	ALTER TABLE Employee ADD COLUMN role VARCHAR(100) NOT NULL	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	48	10:15:47	ALTER TABLE Reservation ADD COLUMN item_id VARCHAR(100)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	49	10:15:51	ALTER TABLE Reservation ADD CONSTRAINT fk_reservation_item FOREIGN KEY (item_id) REFERENCES Item(item_id)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	50	10:39:02	INSERT INTO Branch (branch_id, manager, name, address, created_at) VALUES ('DT001', 'Kol Thyda', 'Phnom Penh Central Lib...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	51	10:39:09	INSERT INTO Employee (id, name, dob, role, hire_date, contact, created_at) VALUES ('EM001', 'Alice Chan', '1990-04-15', 'Soft...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	52	10:39:15	INSERT INTO Event (event_id, branch_id, title, date, target_audience, created_at) VALUES ('EV001', 'DT001', 'Summer Readin...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	53	10:39:21	INSERT INTO Member (member_id, role, name, hired_date, contact, dob, created_at) VALUES ('M001', 'Librarian', 'Sokun Nary', ...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	54	10:39:26	INSERT INTO Item (item_id, branch_id, genre, type, language, isbn, status, created_at) VALUES ('IT001', 'DT001', 'Fiction', 'Book...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	55	10:39:31	INSERT INTO Borrowing_Rule (item_type, loan_date, fine_rule, created_at) VALUES ('Book', '2025-06-01', '500 Riel per day afte...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
❌	56	10:39:35	INSERT INTO Reservation (hold_id, member_id, date_of_reservation, expire_date, status, created_at) VALUES ('H001', '2025-06-...	Error Code: 1136. Column count doesn't match value count at row 1
✅	57	10:40:55	INSERT INTO Reservation (hold_id, member_id, date_of_reservation, expire_date, status, created_at) VALUES ('H001', 'M001', '...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	58	10:41:01	INSERT INTO Reservation (member_id, item_id, date_of_reservation, expire_date, hold_id, status, created_at) VALUES ('M001', '...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
❌	59	10:41:05	INSERT INTO Event_Registration (event_id, member_id, created_at) VALUES ('EV001', 'M001', CURRENT_TIMESTAMP), ('EV0...	Error Code: 1054. Unknown column 'member_id' in 'field list'
✅	60	10:44:10	DROP TABLE Event_Registration	0 row(s) affected
❌	61	10:44:16	CREATE TABLE Event_Registration(event_id VARCHAR(100), memeber_id VARCHAR(100), FOREIGN KEY (event_id) REFE...	Error Code: 1072. Key column 'member_id' doesn't exist in table
✅	62	10:44:40	CREATE TABLE Event_Registration(event_id VARCHAR(100), member_id VARCHAR(100), FOREIGN KEY (event_id) REFE...	0 row(s) affected
❌	63	10:44:53	INSERT INTO Event_Registration (event_id, member_id, created_at) VALUES ('EV001', 'M001', CURRENT_TIMESTAMP), ('EV0...	Error Code: 1054. Unknown column 'created_at' in 'field list'
✅	64	10:45:15	ALTER TABLE Event_Registration ADD COLUMN created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	65	10:45:25	INSERT INTO Event_Registration (event_id, member_id, created_at) VALUES ('EV001', 'M001', CURRENT_TIMESTAMP), ('EV0...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
❌	66	10:45:31	INSERT INTO BorrowTransaction (transaction_id, member_id, branch_id, item_id, cost, genre, return_date, return_condition, crea...	Error Code: 1054. Unknown column 'genre' in 'field list'
✅	67	10:46:00	INSERT INTO BorrowTransaction (transaction_id, member_id, branch_id, item_id, cost, genere, return_date, return_condition, cre...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
❌	68	10:46:04	INSERT INTO Fine (member_id, transaction_id, amount, fine_date, payment_date, status, created_at) VALUES ('M001', 'T002', 5...	Error Code: 1048. Column 'payment_date' cannot be null

✅	69	10:46:45	INSERT INTO Fine (member_id, transaction_id, amount, fine_date, payment_date, status, created_at) VALUES ('M001', 'T002', 5...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	70	10:46:49	INSERT INTO Acquisition (item_id, vendor, cost, purchase_date, created_at) VALUES ('IT001', 'BookWorld Supplies', 150.00, '20...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
✅	71	10:46:53	INSERT INTO Receipt (purchase_id, purchase_date, cost, genre, created_at) VALUES ('P001', '2025-06-15', 150.00, 'Fiction', C...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0
✅	72	10:46:59	UPDATE Branch SET manager = 'New Manager Name' WHERE branch_id = 'DT003'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
✅	73	10:47:03	DELETE FROM Reservation WHERE expire_date < CURRENT_DATE AND member_id = 'M001'	0 row(s) affected
✅	74	10:47:10	ALTER TABLE Branch MODIFY COLUMN address VARCHAR(500)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
✅	75	10:47:14	DROP TABLE Receipt	0 row(s) affected