Name	SHUBHAM
UID	23BCS10290
Section	610-A
Subject	ADBMS

Practice-1

QUES1:

ANS1:

DROP TABLE IF EXISTS FeePayments;

CREATE TABLE FeePayments (

   payment_id INT PRIMARY KEY,

   student_name VARCHAR(100) NOT NULL,

   amount DECIMAL(10,2) CHECK (amount > 0),

   payment_date DATE NOT NULL

);

START TRANSACTION;

INSERT INTO FeePayments VALUES (1, 'Ashish', 5000.00, '2024-06-01');

INSERT INTO FeePayments VALUES (2, 'Smaran', 4500.00, '2024-06-02');

INSERT INTO FeePayments VALUES (3, 'Vaibhav', 5500.00, '2024-06-03');

COMMIT;

START TRANSACTION;

INSERT INTO FeePayments VALUES (4, 'Kiran', 4800.00, '2024-06-04');

INSERT INTO FeePayments VALUES (1, 'Ashish', -3000.00, '2024-06-05'); -- duplicate id + negative

ROLLBACK;

SELECT * FROM FeePayments;

START TRANSACTION;

INSERT INTO FeePayments VALUES (5, 'Rohit', 5200.00, '2024-06-06');

INSERT INTO FeePayments VALUES (6, NULL, 4900.00, '2024-06-07'); -- invalid null

ROLLBACK;

START TRANSACTION;

INSERT INTO FeePayments VALUES (7, 'Sneha', 4700.00, '2024-06-08');

INSERT INTO FeePayments VALUES (8, 'Arjun', 4900.00, '2024-06-09');

COMMIT;

SELECT * FROM FeePayments;

OUTPUT:

payment_id	student_name	amount	payment_date
1	Ashish	5000.00	2024-06-01T00:00:00.000Z
2	Smaran	4500.00	2024-06-02T00:00:00.000Z
3	Vaibhav	5500.00	2024-06-03T00:00:00.000Z
7	Sneha	4700.00	2024-06-08T00:00:00.000Z
8	Arjun	4900.00	2024-06-09T00:00:00.000Z