Assignment 39

theater sales management

CREATE TABLE Theater (

theater\_id INT PRIMARY KEY,

name VARCHAR(255) NOT NULL

);

CREATE TABLE Financials (

financial\_id INT PRIMARY KEY,

theater\_id INT,

dates DATE,

revenue DECIMAL(10, 2),

expenses DECIMAL(10, 2),

FOREIGN KEY (theater\_id) REFERENCES Theater(theater\_id)

);

INSERT INTO Theater (theater\_id, name) VALUES (1, 'Theater 1');

INSERT INTO Theater (theater\_id, name) VALUES (2, 'Theater 2');

INSERT INTO Theater (theater\_id, name) VALUES (3, 'Theater 3');

INSERT INTO Theater (theater\_id, name) VALUES (4, 'Theater 4');

INSERT INTO Financials (theater\_id, date, revenue, expenses) VALUES (1, '2024-08-15', 5000.00, 2000.00);

INSERT INTO Financials (FINANCIAL\_ID,theater\_id, dates, revenue, expenses) VALUES (1,1, '2024-08-15', 5000.00, 2000.00);

INSERT INTO Financials (financial\_id, theater\_id, dates, revenue, expenses)

VALUES (4, 4, TO\_DATE('2024-08-15', 'YYYY-MM-DD'), 5500.00, 2200.00);

INSERT INTO Financials (financial\_id, theater\_id, dates, revenue, expenses)

VALUES (3, 3, TO\_DATE('2024-08-15', 'YYYY-MM-DD'), 6000.00, 2500.00);

INSERT INTO Financials (financial\_id, theater\_id, dates, revenue, expenses)

VALUES (2, 2, TO\_DATE('2024-08-15', 'YYYY-MM-DD'), 4500.00, 1800.00);

INSERT INTO Financials (financial\_id, theater\_id, dates, revenue, expenses) VALUES (9, 3, TO\_DATE('2024-08-17', 'YYYY-MM-DD'), 5100.00, 2200.00);

SELECT

dates AS Dates,

SUM(revenue) AS Total\_Revenue,

SUM(expenses) AS Total\_Expenses,

SUM(revenue) - SUM(expenses) AS Total\_Profit

FROM

Financials

WHERE

dates BETWEEN TO\_DATE('2024-08-15', 'YYYY-MM-DD') AND TO\_DATE('2024-08-16', 'YYYY-MM-DD')

GROUP BY

dates

ORDER BY

dates;

