**ANSWERS TO DATABASE ASSIGNMENT WEEK 2**

1. Select \* FROM Expenses;
   1. SELECT date, category, amount FROM Expenses;
   2. SELECT \* FROM Expenses WHERE date BETWEEN '2021-01-01' AND '2024-12-15';
   3. SELECT \* FROM Expenses WHERE category = 'Entertainment';

2.2 SELECT \* FROM Expenses WHERE amount > 50;

2.3 SELECT \* FROM Expenses WHERE amount > 75 AND category = 'Food';

2.4 SELECT \* FROM Expenses WHERE category = 'Transportation' OR category = 'Groceries';

2.5 SELECT \* FROM Expenses WHERE category != 'Rent';

3.1 SELECT \* FROM Expenses ORDER BY amount DESC;

3.2 SELECT \* FROM Expenses ORDER BY expense\_date DESC, category ASC;

4.1 CREATE TABLE Income ( income\_id INT PRIMARY KEY AUTO\_INCREMENT, amount DECIMAL(10,2) NOT NULL, date DATE NOT NULL, source VARCHAR(50) NOT NULL );

4.2 ALTER TABLE Income ADD category VARCHAR(50);

4.3 ALTER TABLE Income DROP COLUMN source;

DROP TABLE Income;