**\* I WAS NOT ABLE TO IMPORT THE DOCUMENT TO MYSQL BECAUSE OF FORMAT NOT BIENG SURPPORTED SO I DID IT HERE\***

Part 1: Retrieving Data with SELECT

1.1 Retrieving All Expenses

**```sql**

**SELECT \* FROM Expenses;**

**```**

1.2 Specific Columns

**```sql**

**SELECT date, category, amount FROM Expenses;**

**```**

1.3 Filtering by Date Range

**SELECT \* FROM Expenses**

**WHERE date BETWEEN '2021-01-01' AND '2024-12-15';**

Part 2: Filtering with WHERE Clause

2.1 Filtering by Category

**SELECT \* FROM Expenses**

**WHERE category = 'Entertainment';**

2.2 Filtering with Comparison Operators

**SELECT \* FROM Expenses**

**WHERE amount > 50;**

2.3 Combining Filters (AND)

**SELECT \* FROM Expenses**

**WHERE amount > 75 AND category = 'Food';**

2.4 Combining Filters (OR)

**SELECT \* FROM Expenses**

**WHERE category = 'Transportation' OR category = 'Groceries';**

2.5 Filtering with NOT

**SELECT \* FROM Expenses**

**WHERE category != 'Rent';**

Part 3: Sorting Retrieved Data

3.1 Sorting by Amount

**SELECT \* FROM Expenses**

**ORDER BY amount DESC;**

3.2 Sorting by Date and Category

**SELECT \* FROM Expenses**

**ORDER BY date DESC, category ASC;**

Part 4: Database Upgrade

4.1 Creating the "Income" Table

**CREATE TABLE Income (**

**income\_id INT AUTO\_INCREMENT PRIMARY KEY,**

**amount DECIMAL(10,2) NOT NULL,**

**date DATE NOT NULL,**

**source VARCHAR(50) NOT NULL**

**);**

4.2 Adding a New Column "category"

**ALTER TABLE Income**

**ADD COLUMN category VARCHAR(50);**

4.3 Removing the "source" Column

**ALTER TABLE Income**

**DROP COLUMN source;**

Dropping the "Income" Table

DROP TABLE Income;