Bank Account Summary

CREATE TABLE BankTransactions (

AccountNumber INT,

AccountHolderName VARCHAR(255),

TransactionDate DATE,

TransactionType VARCHAR(255),

TransactionAmount DECIMAL(10, 2)

);

INSERT INTO BankTransactions (AccountNumber, AccountHolderName, TransactionDate, TransactionType, TransactionAmount)

VALUES

(1001, 'Ravi Sharma', '2023-07-01', 'Deposit', 5000),

(1001, 'Ravi Sharma', '2023-07-05', 'Withdrawal', 1000),

(1001, 'Ravi Sharma', '2023-07-10', 'Deposit', 2000),

(1002, 'Priya Gupta', '2023-07-02', 'Deposit', 3000),

(1002, 'Priya Gupta', '2023-07-08', 'Withdrawal', 500),

(1003, 'Vikram Patel', '2023-07-04', 'Deposit', 10000),

(1003, 'Vikram Patel', '2023-07-09', 'Withdrawal', 2000);

SELECT

AccountNumber,

AccountHolderName,

SUM(CASE WHEN TransactionType = 'Deposit' THEN TransactionAmount ELSE -TransactionAmount END) AS TotalBalance

FROM

BankTransactions

GROUP BY

AccountNumber, AccountHolderName

ORDER BY

AccountNumber;