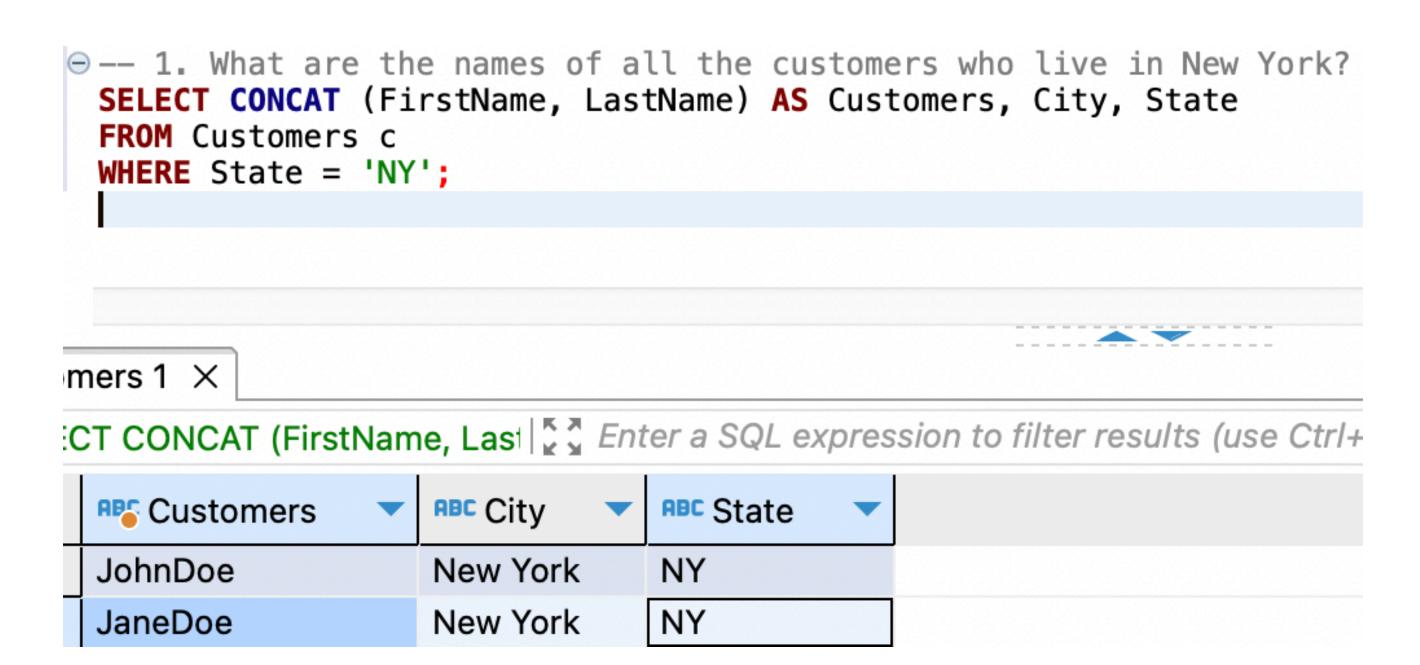
Financial Analysis

STEEL DATA CHALLENGE - 4

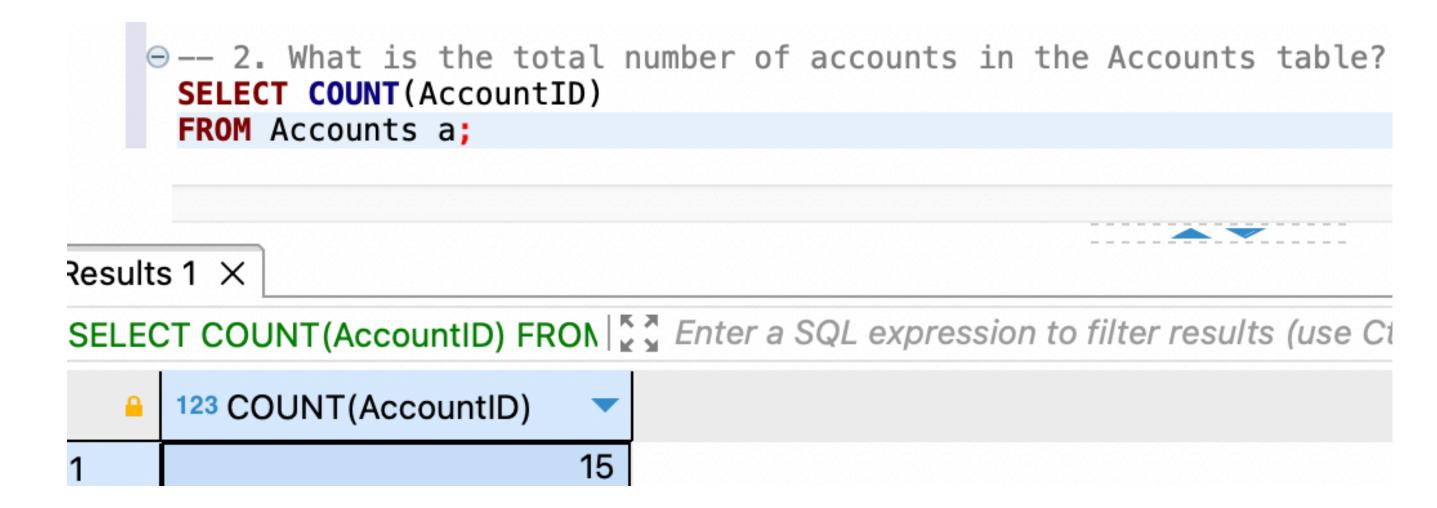
1. What are the names of all the customers who live in New York?

JohnDoe and JaneDoe lives in NY



2. What is the total number of accounts in the Accounts table?

15



3. What is the total balance of all checking accounts?

31,000

```
SELECT AccountType, SUM(Balance)
FROM Accounts a
WHERE AccountType = 'Checking';

accounts 1 ×

SELECT AccountType, SUM(Balan | From the second term of the second te
```

4. What is the total balance of all accounts associated with customers who live in Los Angeles?

75,000

```
SELECT SUM(a.Balance)
FROM Accounts a
JOIN Customers c ON c.CustomerID = a.CustomerID
WHERE City = 'Los Angeles'

Results 1 ×

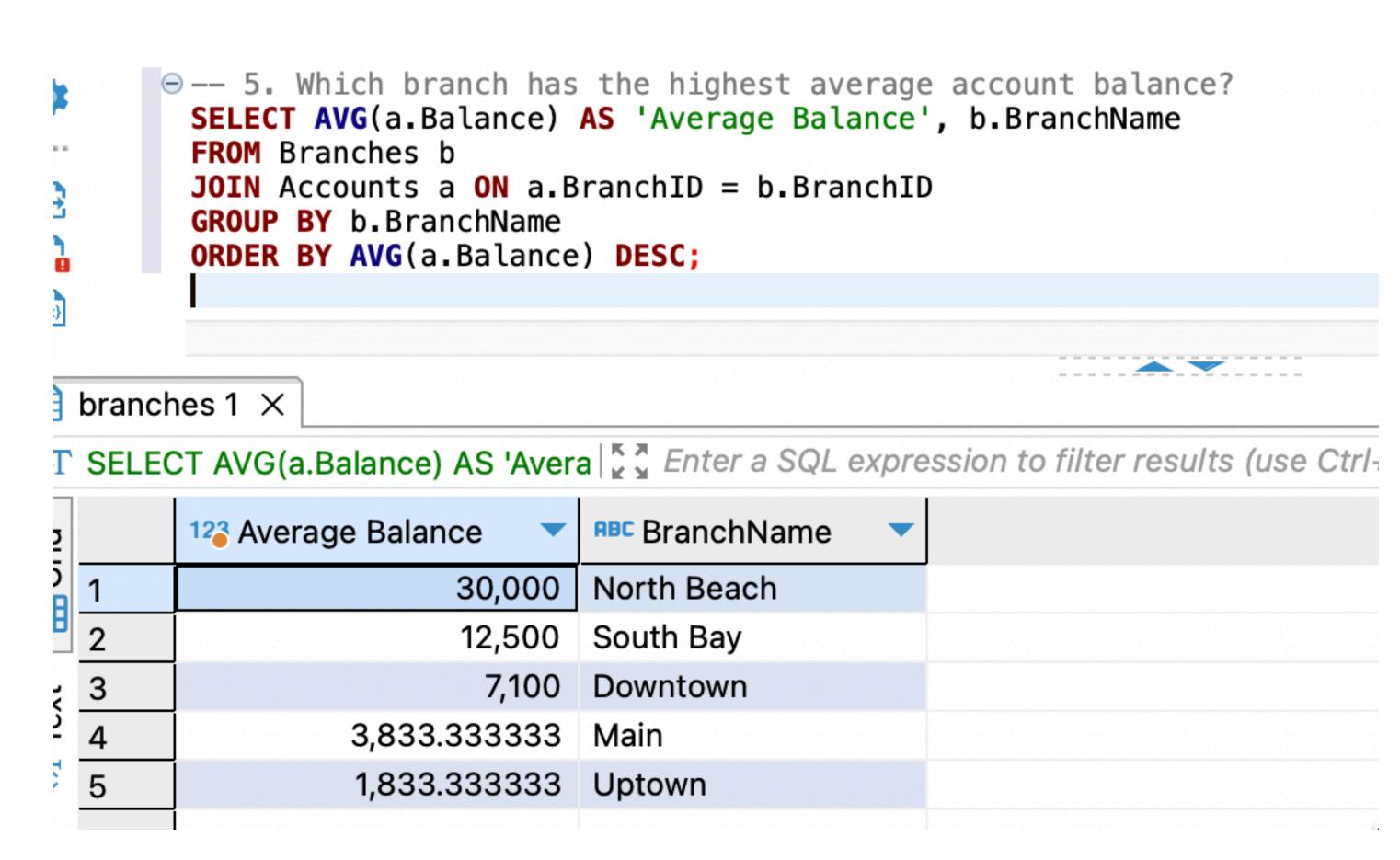
SELECT SUM(a.Balance) FROM Ac ** Enter a SQL expression to filter results (use Ctrl+Space)

** 123 SUM(a.Balance)

** 75,000
```

5. Which branch has the highest average account balance?

North Beach



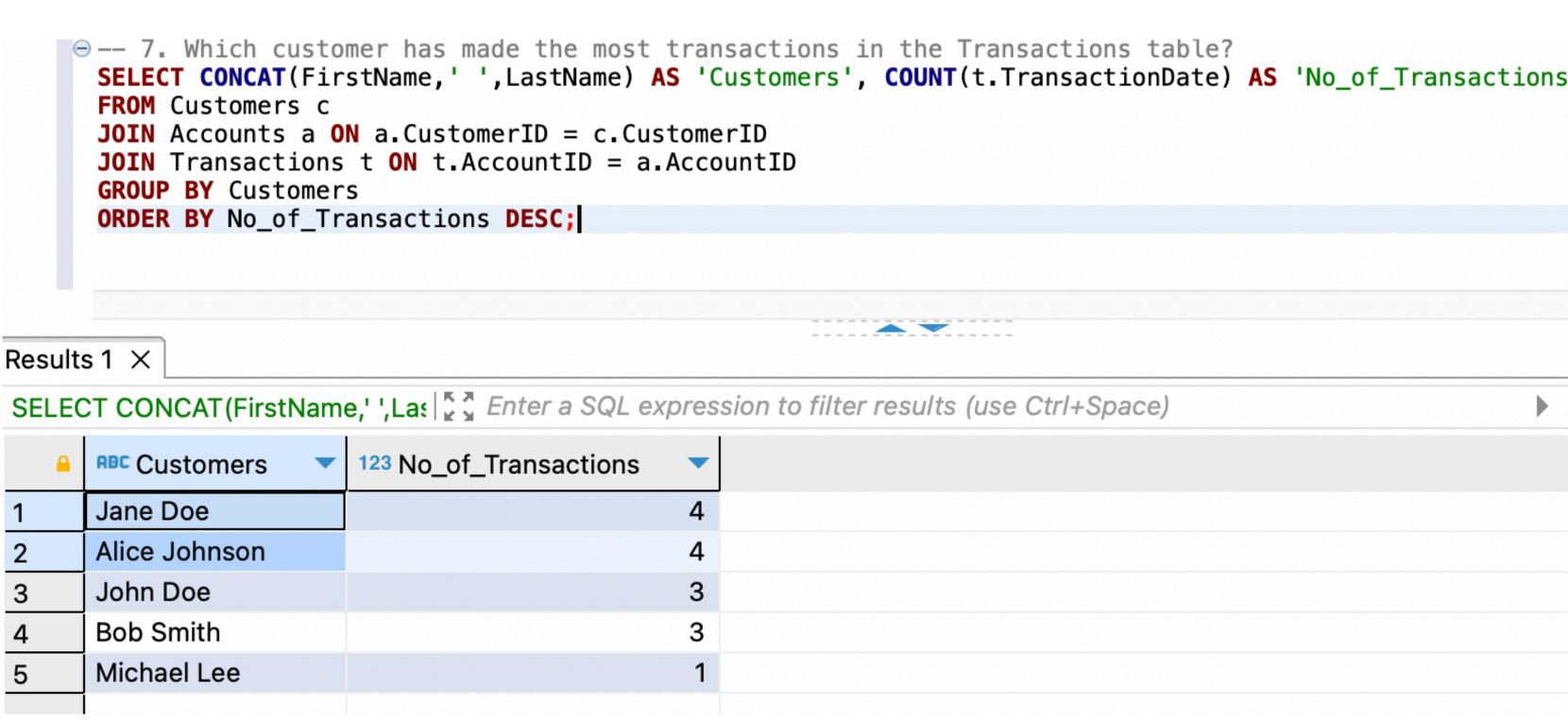
6. Which customer has the highest current balance in their accounts?

Michael Lee

```
── — 6. Which customer has the highest current balance in their accounts?
      SELECT CONCAT(FirstName, LastName) AS 'Customers', SUM(a.Balance) AS 'Total_Balance'
      FROM Customers c
      JOIN Accounts a ON a.CustomerID = c.CustomerID
      GROUP BY Customers
      ORDER BY Total_Balance DESC;
Results 1 X
SELECT CONCAT (FirstName, Last | ☼ ☼ Enter a SQL expression to filter results (use Ctrl+Space)
      RBC Customers
                         123 Total_Balance
      MichaelLee
                                       60,000
      AliceJohnson
                                       25,000
      BobSmith
                                       20,500
                                       15,000
      JenniferWang
      JaneDoe
                                        11,500
                                        5,500
      JohnDoe
```

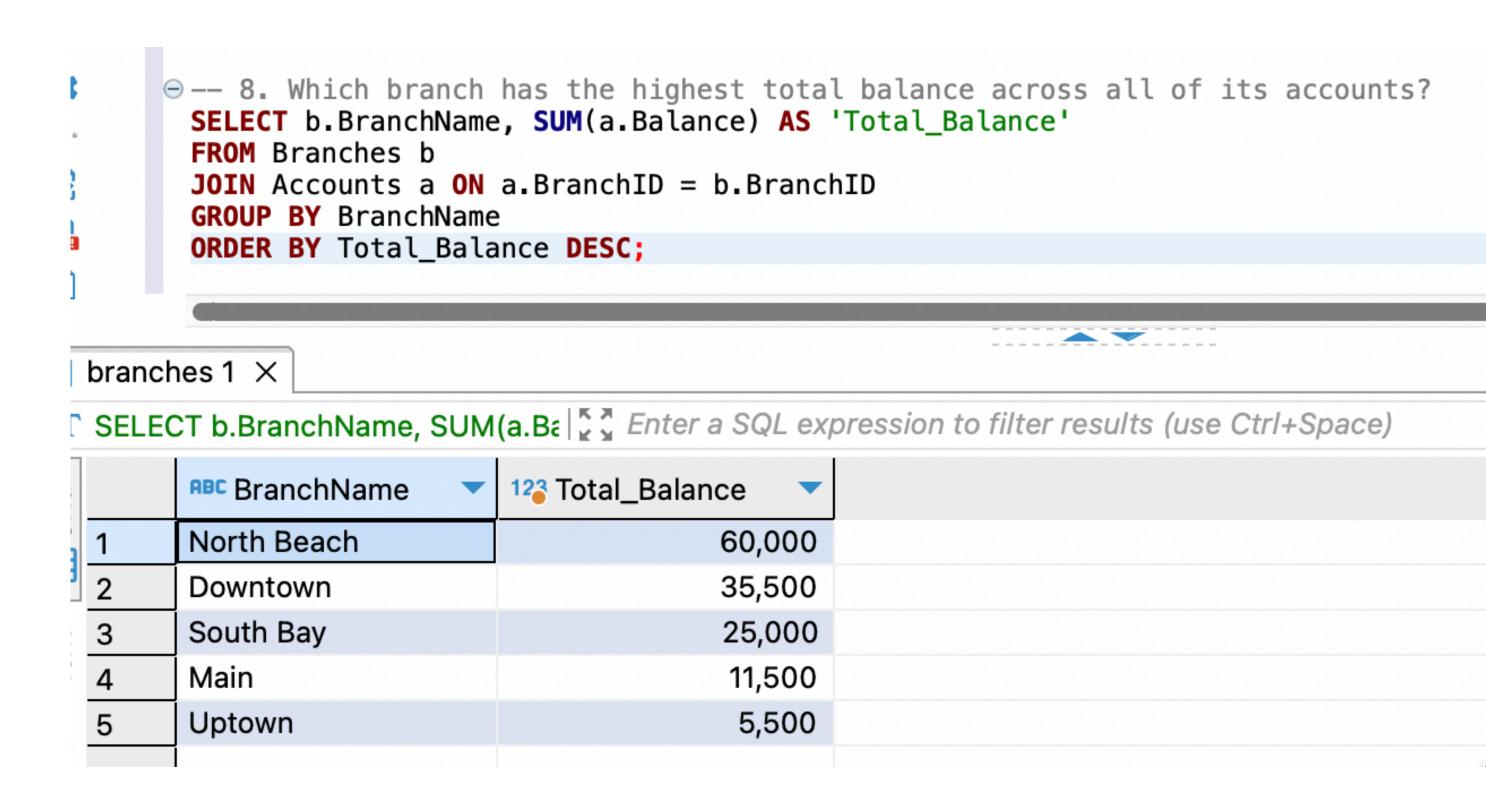
7. Which customer has made the most transactions in the Transactions table?

Jane Doe and Alice Johnson



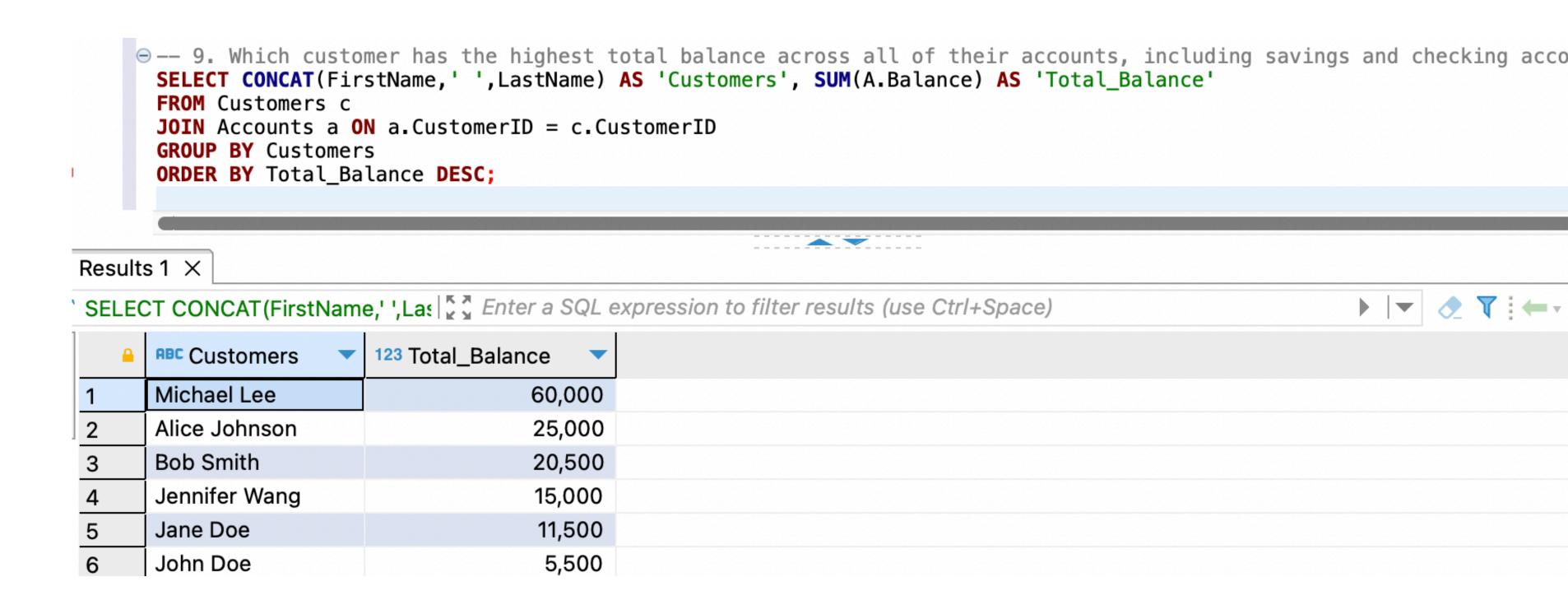
8. Which branch has the highest total balance across all of its accounts?

North Beach



9. Which customer has the highest total balance across all of their accounts, including savings and checking accounts?

Michael Lee



10. Which branch has the highest number of transactions in the Transactions table?

Main

4 Main

4 South Bay

3 Downtown

1 North Beach

3 Uptown