

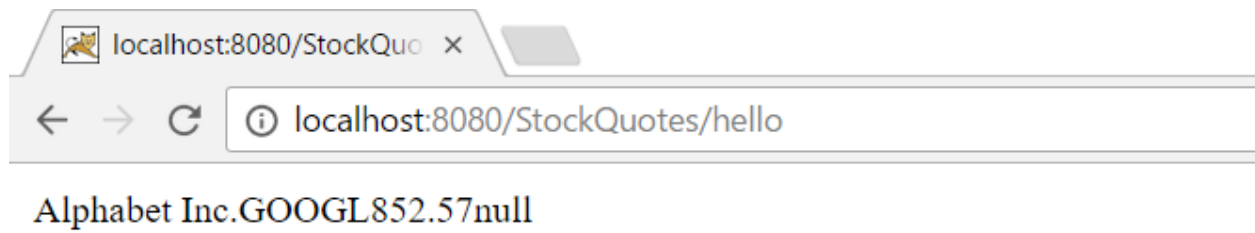
## Main Screen

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/StockQuotes/index.jsp'. The page has a title bar 'Insert title here' and a 'SowmyaY' tab. Below the address bar, there is a section labeled 'Enter Symbol:' with a text input field containing 'Enter the symbol ex:PCS' and an 'Add to portfolio' button. A 'search' button is located below the input field. Below this, there is a 'My Portfolio' section with a table header containing 'Company Name', 'Symbol', and 'Last Trade Price'. The table body is empty. At the bottom of the browser window, a 'Processing request...' message is visible. The Windows taskbar at the bottom shows the 'Ask me anything' search bar, various application icons, and the system clock displaying '2:22 AM 4/5/2017'.

## Symbol Search:

This screenshot shows the same web application as the previous one, but with the 'Enter Symbol:' input field now containing 'GOOGL'. The 'Add to portfolio' button and the 'search' button remain visible. The 'My Portfolio' table header is still present, but the table body is empty. The 'Processing request...' message is still at the bottom of the browser window. The Windows taskbar at the bottom shows the 'Ask me anything' search bar, various application icons, and the system clock displaying '2:23 AM 4/5/2017'.

Output:



Present DB:

```
MySQL 5.7 Command Line Client

mysql> select * from stocksymbols;
+-----+
| symbol |
+-----+
| BAC    |
| GOOGL  |
| IBM    |
| K      |
| M      |
| S      |
| T      |
| V      |
| X      |
| YHOO   |
+-----+
10 rows in set (0.00 sec)
```

## Current Portfolio:

Insert title here x

localhost:8080/StockQuotes/DB?

Enter Symbol:  
Enter the symbol ex:PCS

My Portfolio

| Company Name                    | Symbol | Last Trade Price |                                       |
|---------------------------------|--------|------------------|---------------------------------------|
| Bank of America Corporation Com | BAC    | 23.44            | <input type="button" value="remove"/> |
| Alphabet Inc.                   | GOOGL  | 852.57           | <input type="button" value="remove"/> |
| International Business Machines | IBM    | 174.52           | <input type="button" value="remove"/> |
| Kellogg Company Common Stock    | k      | 72.27            | <input type="button" value="remove"/> |
| Macy's Inc Common Stock         | M      | 28.89            | <input type="button" value="remove"/> |
| Sprint Corporation Common Stock | s      | 8.68             | <input type="button" value="remove"/> |
| AT&T Inc.                       | T      | 41.69            | <input type="button" value="remove"/> |
| Visa Inc.                       | V      | 88.78            | <input type="button" value="remove"/> |
| Yahoo! Inc.                     | YHOO   | 46.23            | <input type="button" value="remove"/> |



## Adding 'VZ' to Portfolio:

localhost:8080/StockQuo x

localhost:8080/StockQuotes/hello

Successfully added to your portfolio!!

## Portfolio after adding VZ:

Enter Symbol:  
 Enter the symbol ex:PCS

My Portfolio

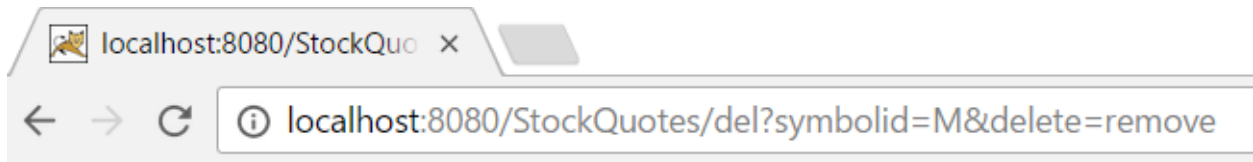
| Company Name                    | Symbol | Last Trade Price |                                       |
|---------------------------------|--------|------------------|---------------------------------------|
| Bank of America Corporation Com | BAC    | 23.44            | <input type="button" value="remove"/> |
| Alphabet Inc.                   | GOOGL  | 852.57           | <input type="button" value="remove"/> |
| International Business Machines | IBM    | 174.52           | <input type="button" value="remove"/> |
| Kellogg Company Common Stock    | k      | 72.27            | <input type="button" value="remove"/> |
| Macy's Inc Common Stock         | M      | 28.89            | <input type="button" value="remove"/> |
| Sprint Corporation Common Stock | s      | 8.68             | <input type="button" value="remove"/> |
| AT&T Inc.                       | T      | 41.69            | <input type="button" value="remove"/> |
| Visa Inc.                       | V      | 88.78            | <input type="button" value="remove"/> |
| Verizon Communications Inc. Com | VZ     | 49.31            | <input type="button" value="remove"/> |
| Yahoo! Inc.                     | YHOO   | 46.23            | <input type="button" value="remove"/> |

Windows taskbar: 2:30 AM 4/5/2017

## DB after adding VZ:

```
mysql> select * from stocksymbols;
+-----+
| symbol |
+-----+
| BAC    |
| GOOGL  |
| IBM    |
| k      |
| M      |
| S      |
| T      |
| V      |
| VZ     |
| YHOO   |
+-----+
10 rows in set (0.00 sec)
```

Removing Macy's:



Removed Successfully!

Portfolio after removing Macys's:

Insert title here x

localhost:8080/StockQuotes/DB?

Enter Symbol:  
Enter the symbol ex PCS

My Portfolio

| Company Name                    | Symbol | Last Trade Price |                                       |
|---------------------------------|--------|------------------|---------------------------------------|
| Bank of America Corporation Com | BAC    | 23.44            | <input type="button" value="remove"/> |
| Alphabet Inc.                   | GOOGL  | 852.57           | <input type="button" value="remove"/> |
| International Business Machines | IBM    | 174.52           | <input type="button" value="remove"/> |
| Kellogg Company Common Stock    | k      | 72.27            | <input type="button" value="remove"/> |
| Sprint Corporation Common Stock | s      | 8.68             | <input type="button" value="remove"/> |
| AT&T Inc.                       | T      | 41.69            | <input type="button" value="remove"/> |
| Visa Inc.                       | V      | 88.95            | <input type="button" value="remove"/> |
| Verizon Communications Inc. Com | VZ     | 49.31            | <input type="button" value="remove"/> |
| Yahoo! Inc.                     | YHOO   | 46.23            | <input type="button" value="remove"/> |

Windows taskbar: Ask me anything, 2:33 AM 4/5/2017

DB after removing Macys:

```
mysql> select * from stocksymbols;
```

| symbol |
|--------|
| BAC    |
| GOOGL  |
| IBM    |
| k      |
| s      |
| T      |
| V      |
| VZ     |
| YHOO   |

```
9 rows in set (0.00 sec)
```