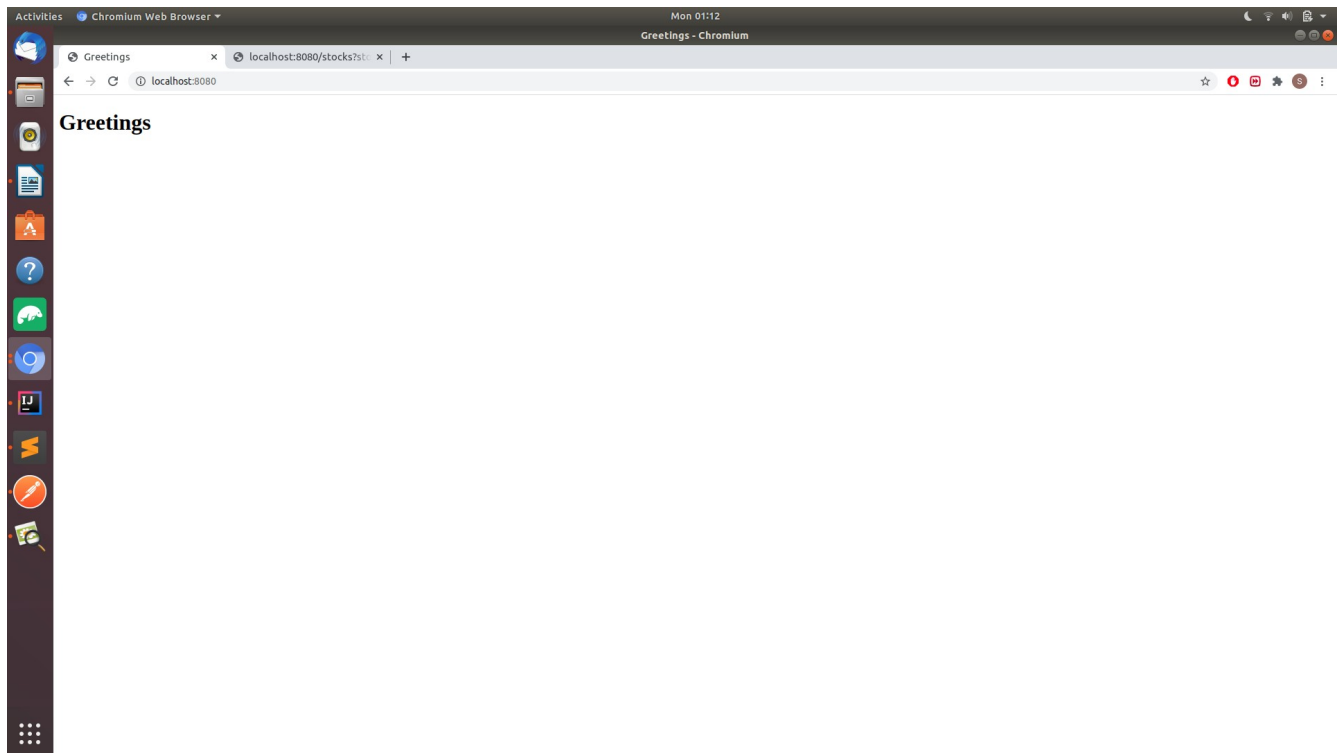


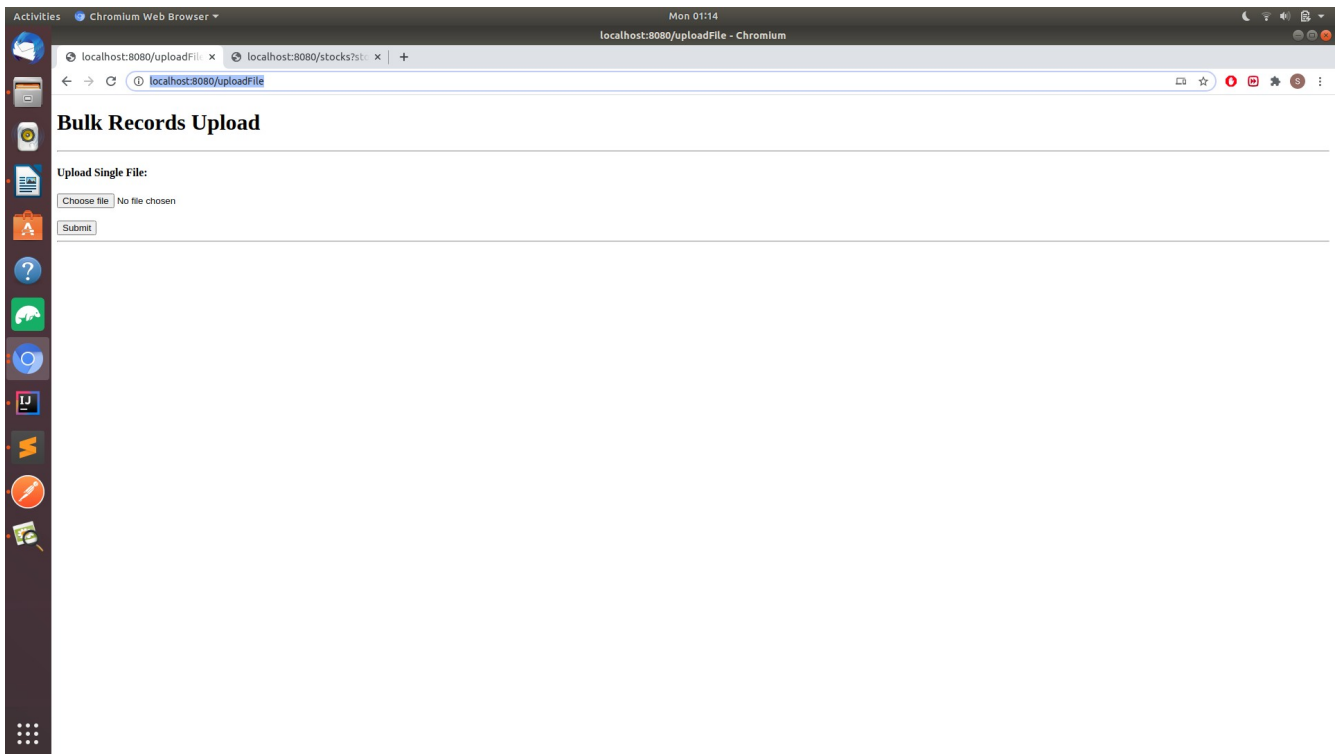
Upload file API: You can either choose a browser to execute this API or use any other Rest client like Postman.

Approach 1: Via Browser

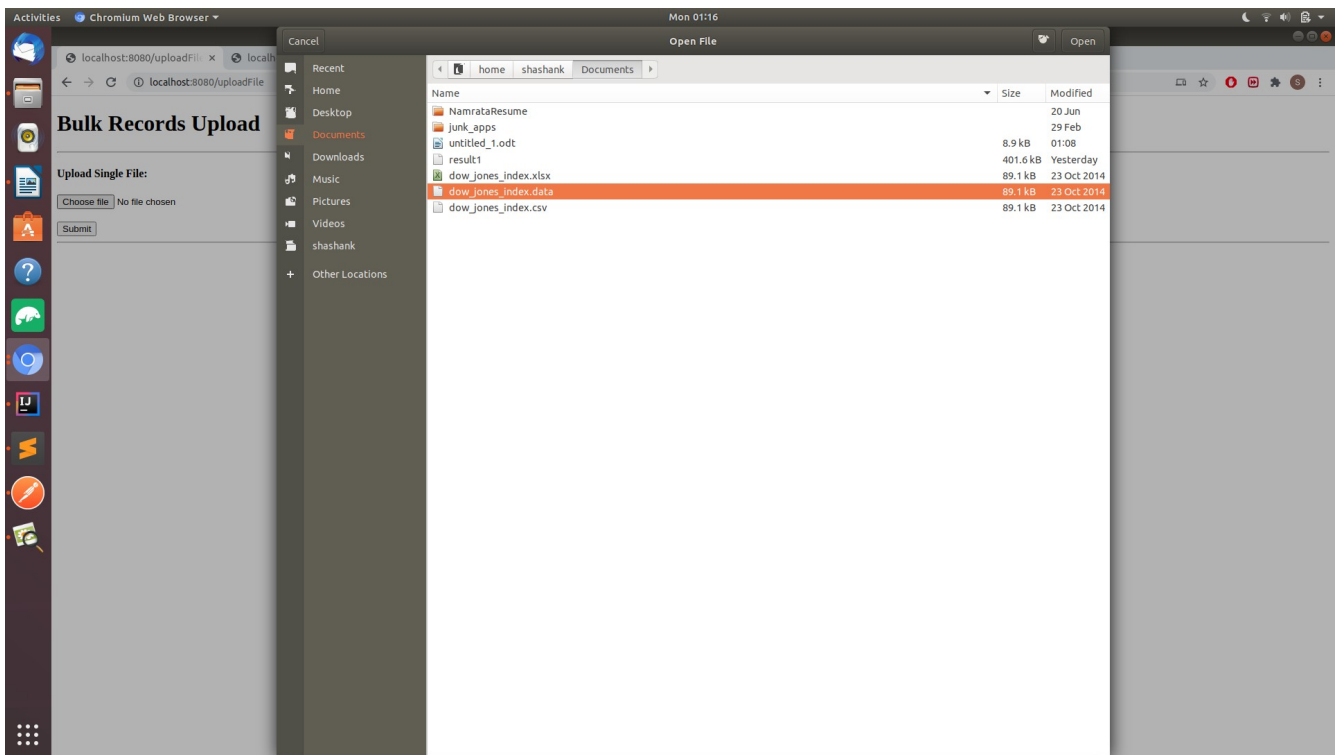
Step 1: In the browser, fire ***http://localhost:8080***

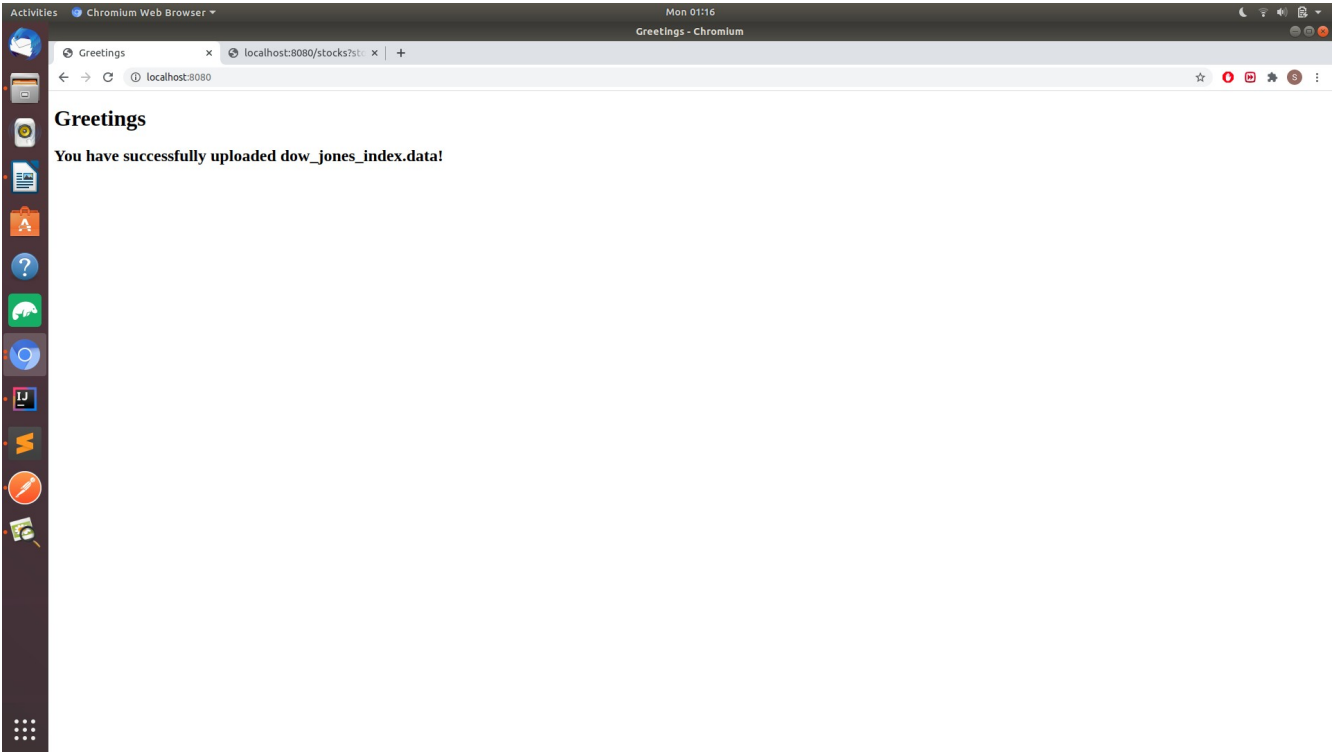
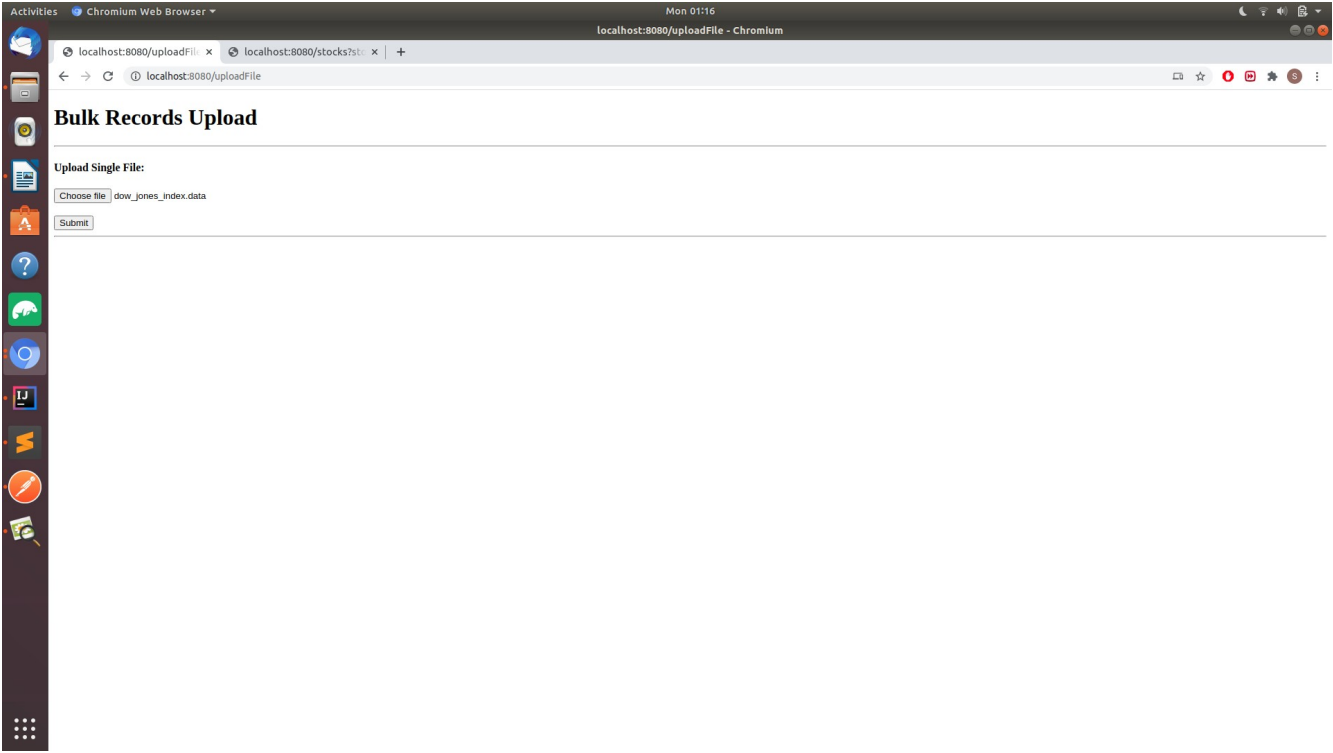


Step 2: Next fire "***http://localhost:8080/uploadFile***"



Step 3: Choose file (.data, .csv or .xlsx) and click submit.

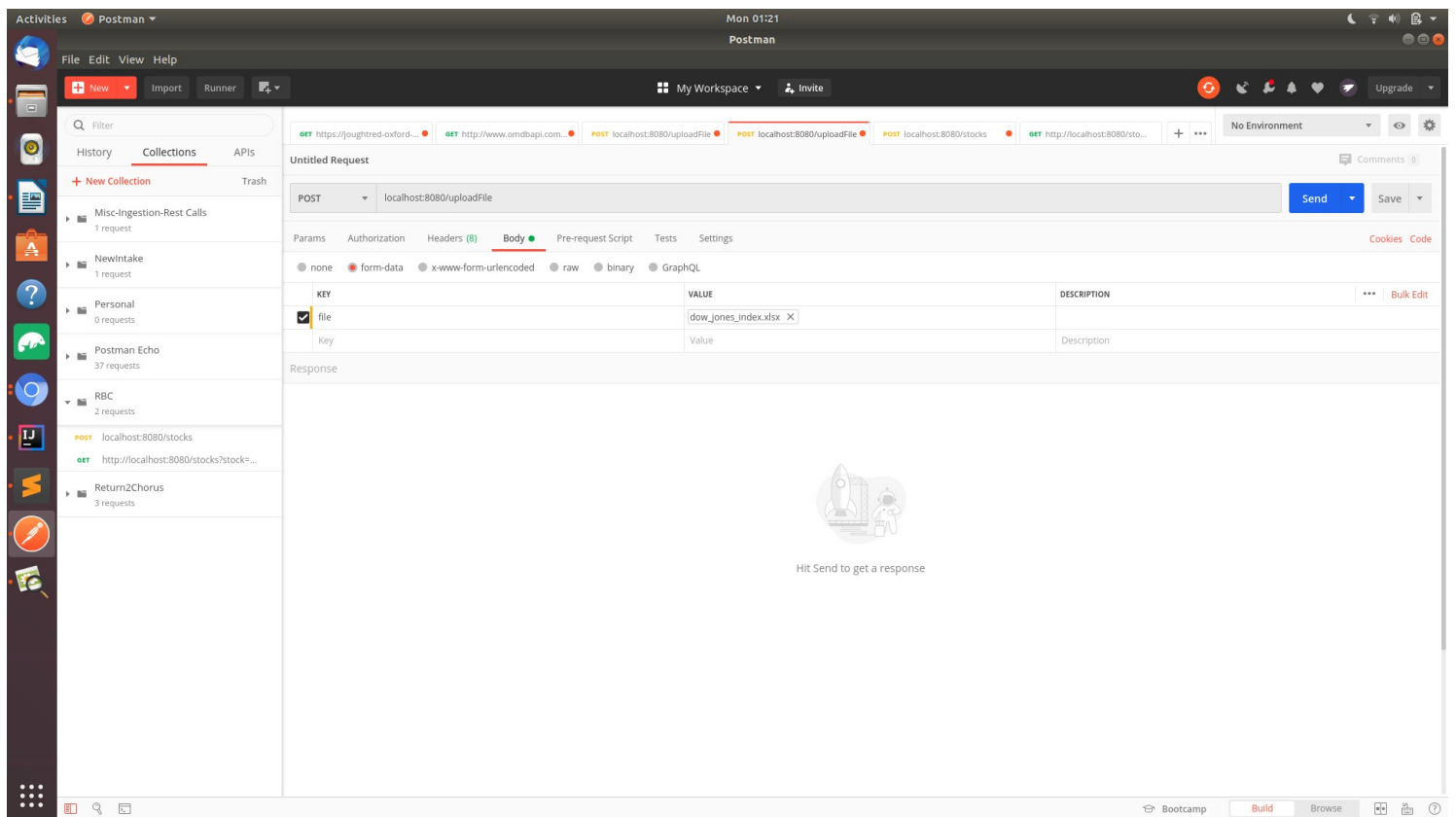




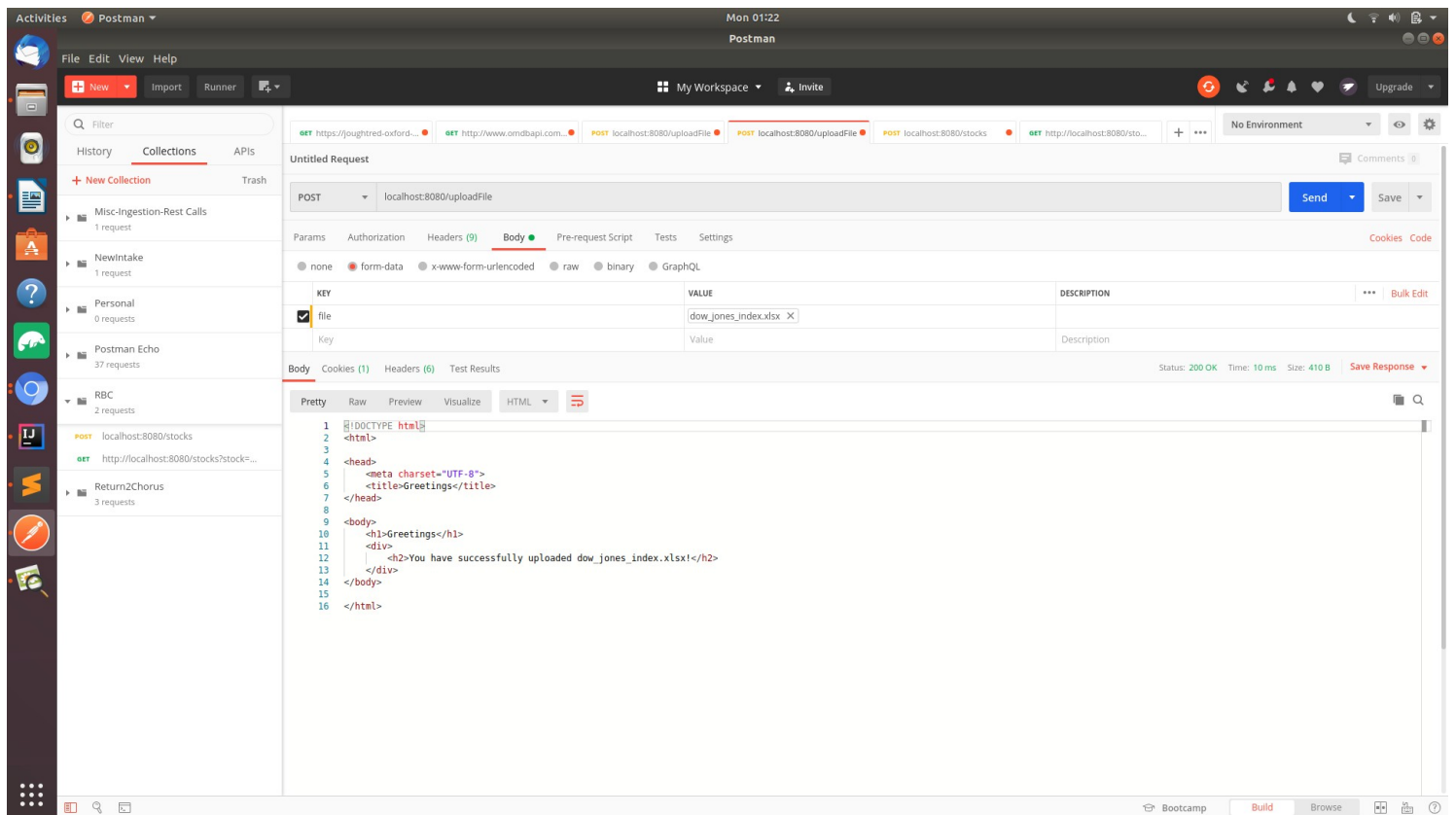
Approach 2: Via Postman

Step 1: POST <http://localhost:8080/uploadFile>

In Body section, select form-data, add key as file and select the appropriate file in the value tab.



Response would be a redirect HTML page as shown below.



GET stocks API: This API responds with a filtered list of stocks based on stock ticker.

Use **GET** `http://localhost:8080/stocks?stock=Danguil`

The screenshot shows the Postman application interface. The top bar indicates the time is Mon 01:37. The left sidebar shows a list of collections, including 'Misc-Ingestion-Rest Calls', 'Newintake', 'Personal', 'Postman Echo', 'RBC', and 'Return2Chorus'. The main workspace displays a GET request to the URL `http://localhost:8080/stocks?stock=Danguil`. The 'Params' tab is active, showing a query parameter 'stock' with the value 'Danguil'. The 'Body' tab is also visible, showing a JSON response with the following structure:

```
1 {
2   "id": "5fa8e2c15d838624c2811782",
3   "quarter": "1",
4   "stock": "Danguil",
5   "date": "1/7/2011",
6   "open": "$15.82",
7   "high": "$16.72",
8   "low": "$15.78",
9   "close": "$16.42",
10  "volume": 229655616,
11  "percent_change_price": 3.79267,
12  "percent_change_volume_over_last_wk": 0.0,
13  "previous_weeks_volume": null,
14  "next_weeks_open": "$16.71",
15  "next_weeks_close": "$15.97",
16  "percent_change_next_weeks_price": -4.42849,
17  "days_to_next_dividend": 26,
18  "percent_return_next_dividend": 0.182704
19 }
20
21
```

The status bar at the bottom shows 'Status: 200 OK', 'Time: 17 ms', and 'Size: 590 B'. The bottom right corner of the window shows the 'Bootcamp' logo and buttons for 'Build' and 'Browse'.

POST stocks API: Adds a record to existing stocks database.

Use **POST** <https://localhost:8080/stocks>

Headers:

Content-Type: application/json

Accept: application/json

Body:

```
{
  "quarter": "1",
  "stock": "Dangui",
  "date": "1/7/2011",
  "open": "$15.82",
  "high": "$16.72",
  "low": "$15.78",
  "close": "$16.42",
  "volume": 239655616,
  "percent_change_price": 3.79267,
  "percent_change_volume_over_last_wk": 0,
  "previous_weeks_volume": null,
  "next_weeks_open": "$16.71",
  "next_weeks_close": "$15.97",
  "percent_change_next_weeks_price": -4.42849,
  "days_to_next_dividend": 26,
  "percent_return_next_dividend": 0.182704
}
```

