

Exercise PHP & jQuery

In this exercise you need to create a form with 4 input fields:

- Ó Company Symbol
- Ó Start Date (YYYY-mm-dd)
- Ó End Date (YYYY-mm-dd)
- Ó Email

When the user submits the form you must do the following:

1) Validate the form both on client and server side and place appropriate messages on both cases. All fields must be mandatory. Include also validation for:

- format and logic for dates
- existence for company symbol
- format for email

2) Display on screen the historical quotes for the submitted company in the given date range in table format (Date, Open, High, Low, Close, Volume and AdjClose values).

Company symbols can be found here:

<http://www.nasdaq.com/screening/companies-by-name.aspx> (For download in excel format: <http://www.nasdaq.com/screening/companies-by-name.aspx?&render=download>)

Data should be retrieved by using the CSV API:

<http://ichart.finance.yahoo.com/table.csv>

by passing submitted company's symbol as get parameter with key s i.e.

<http://ichart.finance.yahoo.com/table.csv?s=GOOG>

3) Display a chart of the open and close prices in the given date range.

4) Send an email using the submitted company's name as subject (i.e. Google) and the start date and end date as body (i.e. "From 2016-01-01 to 2016-02-01").