CS 2316 Pair Recitation Assignment

With your partner, write a function called findDJIAValue() that will find the current DJIA value and the value that it opened at from the Wall Street Journal webpage (http://online.wsj.com/home-page). It should take no parameters, return nothing (None), and should print the following:

The DJIA is currently at: <value> and opened at <value>.

Note: the "open" value may not be displayed in the website, but is avaliable in the HTML behind the scenes!

You will find the current DJIA value displayed in the upper right corner of the WSJ page. In the source code, the line with the information you are looking for includes the unique text:

id="mdm_mymarkets_DJIA"

Here is a sample call:

>>> findDJIAValue() #On 10/23/12

The DJIA is currently at: 13345.89 and opened at 13343.51.

You may use string's find method or regular expressions in order to get the DJIA data. If you use find, it may be a good idea to use a unique string near the data as a reference point.

Note: The WSJ terms of service state:

"You agree not to create abstracts from, scrape or display our content for use on another web site or service (other than headlines from our RSS Feed with active links back to the full article on the Service). You agree not to post any content from the Services (other than headlines from our RSS Feed with active links back to the full article on the Service) to weblogs, newsgroups, mail lists or electronic bulletin boards, without our written consent."

It is ok for us to use this page for our educational project, but please do not reuse WSJ data in any commercial fashion or repost their data onto your own webpages. (Note, you can't use this example for HW7.)

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