Student Id: 7283210853   **News Websites:** BBC and NY Times
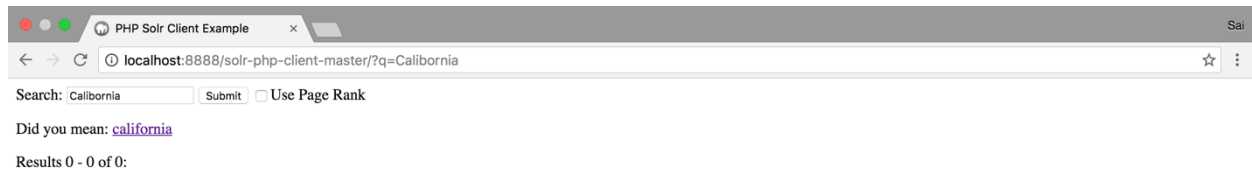
0. https://youtu.be/fn5DBYWrbsM (Hardware UUID is shown at the end of the video)
1. Steps followed for implementing Spell Correction and Autocomplete are as follows:
    a. Configuration settings for Autocomplete
        i. Updated the solr_config.xml by adding suggester component
        ii. Reloaded the core in Solr Admin Panel
    b. Implementation of Spell Correction
        i. Downloaded SpellCorrector.php file from phpclasses.org
        ii. Generated big.txt file, that contains all the content of all html files of both the news websites (Parsed html files using Jsoup)
        iii. Added spell corrector code in index.php file
    c. Implementation of Auto completion
        i. Included jquery and jquery ui library
        ii. Used jquery autocomplete function to request solr suggest component, which provides suggestions as per user's input
        iii. Removed stop words and show suggestions to the user inputs accordingly
    d. Snippets are created using simple_html_dom library
2. Five examples for Spell Check and Auto completion are as follows
    a. **Spell Check**

PHP Solr Client Example ✕

← → C ⓘ localhost:8888/solr-php-client-master/?q=Calibornia ☆ ⋮

Search: Calibornia [Submit] ☐ Use Page Rank

Did you mean: california

Results 0 - 0 of 0:

PHP Solr Client Example ✕

← → C ⓘ localhost:8888/solr-php-client-master/?q=Rio+Olypmics ☆ ⋮

Search: Rio Olypmics ☐ Use Page Rank [Submit] [Reset]

Did you mean: rio olympics

Results 1 - 1 of 1:

The Countries Where Women Won More Medals Than Men in Rio - The New York Times
http://www.nytimes.com/interactive/2016/08/24/sports/olympics/countries-where-women-won-more-medals-than-men-in-rio.html

...The Countries Where Women Won More Medals Than Men in **Rio** - The New York Times...

Search: Donald Trmup Submit ☐ Use Page Rank

Did you mean: donald trump

Results 0 - 0 of 0:

Search: Braizl Submit ☐ Use Page Rank

Did you mean: brazil

Results 0 - 0 of 0:

b. Auto completion

PHP Solr Client Example ×

localhost:8888/solr-php-client-master/

Search: Harry | Submit | ☐ Use Page Rank

harry
harris
harrison
hurry
harrowing

PHP Solr Client Example ×

localhost:8888/solr-php-client-master/

Search: Donald | Submit | ☐ Use Page Rank

donald
donaldson
donadio

PHP Solr Client Example ×

localhost:8888/solr-php-client-master/

Search: Rio Olym | Submit | ☐ Use Page Rank

rio olympics
rio olympic
rio olympians
rio olympian