1. Steps you followed to complete this assignment. Include the details of what tools and techniques you used to implement spelling correction and autocomplete.

   Created Big.txt:
   - Extracted text from several Marshall sites using online parsing sites and added the text into Big.txt, which is the vocabulary for spell check and auto suggest.

   Spell Correction:
   - Used Norvig's spell check php version code to implement spell correction.
   - When a user inputs an incorrect query and submits the page, the program checks to see if it's a valid word or not. If it's a valid word corresponding results are displayed else a phrase with "Did you mean?" and the keyword gets displayed. On click of new keyword the corresponding results are displayed.
   - When its an incorrectly spelt word it will be sent to the Norvig spell corrector and the correct word will be returned back.

   Auto complete:
   - Used AJAX calls to get every letter inputted into the text box and sent it to a php.
   - This php called the url to extract suggestions http://localhost:8983/solr/myexample/suggest?wt=json&indent=true&q=" and sent it back to the home page.
   - The results of auto complete are thus displayed in a menu bar.
   - On select of a key word the corresponding results are displayed.

2. Analysis of the results: In this you should provide examples of misspelled terms that are correctly handled by your spelling correction program. You should also provide some examples of auto completion.

Incorrect word	Correct one identified by search engine
Marshel	Marshall
usc marshall accountng	usc marshall accounting
Businezz	Business
scienc	Science
under gradute	Under graduate
phd requiremns	Phd requirements
data scienc marshall	Data science marshall

Prefix	Auto completions
Mar	Marshell Marshal Management Marketing

	Mars
USC New	USC New USC News USC Newsletter USC News_events USC newly
Acco	Accounting Acct Across Access Accountability