**Text Data Processing**

**Input**

From: [keith@cco.caltech.edu](mailto:keith@cco.caltech.edu) (Keith Allan Schneider)  
Subject: Re: <<Pompous ass\nOrganization: California Institute of Technology, Pasadena\nLines: 16\nNNTP-Posting-Host: punisher.caltech.edu\n[livesey@solntze.wpd.sgi.com](mailto:livesey@solntze.wpd.sgi.com) (Jon Livesey) writes:\n[...]\n>>The "`little' things" above were in reference to\nGermany, clearly. People\n>>said that there were similar things\nin Germany, but no one could name any.\n>That's not true. I\ngave you two examples. One was the rather\n>pevasive anti\nsemitism in German Christianity well before Hitler\n>arrived. \nThe other was the system of social ranks that were used\n>in\nImperail Germany and Austria to distinguish Jews from the\nrest \n>of the population.\nThese don't seem like "little\nthings" to me. At least, they are orders\nworse than the\nmotto. Do you think that the motto is a "little thing"\nthat\nwill lead to worse things?\nkeith

**Output:**

[keith@cco.caltech.edu](mailto:keith@cco.caltech.edu) keith allan schneider pompous ass organization california institute technology pasadena line 16 nntp-posting-host punisher.caltech.edu [livesey@solntze.wpd.sgi.com](mailto:livesey@solntze.wpd.sgi.com) jon livesey write little thing reference germany clearly people say similar thing germany one could name be true give two example one rather pevasive anti-semitism german christianity well hitler arrive system social rank use imperail germany austria distinguish jews rest population seem like little thing least order bad motto think motto little thing lead bad thing keith

**Perform following tasks!**

1. Remove only punctuation that separates sentences.
2. Extract name and email addresses
3. Split by delimiter \n ,\t and whitespace then lowercase all tokens.
4. Remove tokens that don't contain any alphanumeric characters: meaningless token such as [...] will be removed.
5. Clean out leading and trailing punctuation.
6. Remove stopwords