

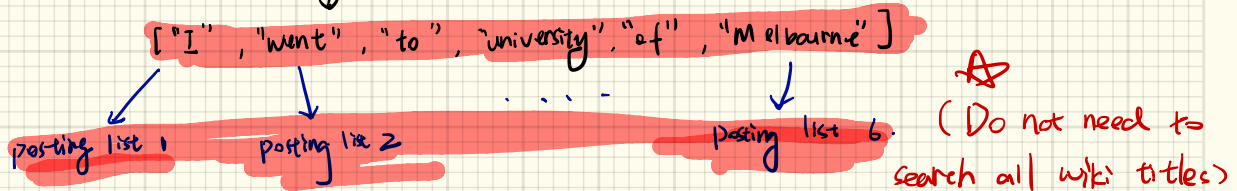
① Preprocess the wiki titles. (tokenise, (), ...).

② Construct the inverted index based on wiki titles.

(dict):
token1 \rightarrow [doc-id_{n1}, ..., doc-id_{n10}]
token2 \rightarrow [doc-id_{m1}, ..., doc-id_{m2}]

③ (claim \rightarrow unique bow

e.g. I went to university of Melbourne



④ Scoring for the wiki titles in the posting list.

wiki title (4.1) The university of Melbourne \rightarrow score = $\frac{\text{common word}}{\text{len wiki title}} = \frac{3}{4} = 0.75$

wiki title (2) I \rightarrow score = 1

(3) Melbourne \rightarrow score = 1

(4.2) Remove the title contained by other titles: for example ~~Melbourne~~

(4.3) Remove the stop words wiki titles: for example, ~~I~~, ~~the~~

(4.4) Ranking. (We could also improve ranking by giving more rewards to larger wiki titles)