

Problem 1

'Cos

The word 'cos is a shortened form of the word because, the normalized form should be **because**.

Shi'ite

The word Shi'ite should be normalized to **Shiite** based on the rationale that most people will not add the apostrophe while searching for it.

cont'd

The word cont'd should be normalized to **continue**. The word is a shortened form of the word "continued", but we should normalize all forms of the word to present tense to catch as many results as possible during searching.

Hawai'i

The word Hawai'i should be normalized to **Hawaii** under the same rationale that was used to normalize Shi'ite: most people will not type the apostrophe.

O'Rourke

This should be normalized to **Orouke**. This follows from the same justification used for Hawai'i and Shi'ite: users are lazy.

ain't

This word is a contraction of the phrase is not. Since that is the case, we should normalize the word into **is not**.

Problem 2

Part 1

Part 2

Problem 3

Problem 4

Problem 5

Problem 7