



HW2.

- ❖ If you type 'foxes' in Google, what information would you get?

The screenshot shows a Google search interface with the query 'foxes' entered in the search bar. The search bar includes navigation links for '웹 문서', '이미지', '뉴스', '그룹스', and '전체서비스 >>'. Below the search bar are radio buttons for '전체 웹' (selected) and '한국어 웹'. The search results are displayed under the heading '웹 문서' and include three entries:

- [Fox - Wikipedia, the free encyclopedia](#)- [문서 번역하기 BETA]
By far the most common species of **fox** is the Red **Fox** (*Vulpes vulpes*), although different species are found on almost ... **Fox** terminology is different from that used for most canids. Male **foxes** are known as dogs, tods, vixes (plural of ...
en.wikipedia.org/wiki/Fox - 37k - 저장된 페이지 - 비슷한 페이지
- [foxes](#)- [문서 번역하기 BETA]
www.foxes.com/ - 비슷한 페이지
- [Fox Printout- EnchantedLearning.com](#)- [문서 번역하기 BETA]
Fox Printout. **Foxes** are clever mammals with large ears and a long, bushy tail.
www.enchantedlearning.com/subjects/mammals/fox/Foxprintout.shtml - 9k - 저장된 페이지 - 비슷한 페이지

- ❖ Web search engines need to standardize information on the web.



HW2.

❖ Morphology

- concerned with the description of the structures of words and the processes of word formation
- the word **unselfish** consists of the three parts
 - **un** - prefix
 - **self** - stem
 - **ish** - suffix





HW2. Morphology Analyzer



❖ Write a morphology analyzer

- `morph(+Word,-Stem,-POS,-Description)`

`morph(cats,Stem,POS,Description)`
`Stem=cat, POS=noun, Description=plural`

❖ Your analyzer should recognize

plural of nouns	cats, skies, churches, foxes, halves
third singular present tense of verbs	runs, tries
past tense of verbs	mapped, tried, panicked
progressive forms of verbs	mapping, making
agentive forms of verbs	teacher, carrier
comparative of adjectives	shorter, bigger, prettier
superlative of adjectives	shortest, biggest
adverbial of adjectives	naturally

don't need to recognize variations of irregular nouns and verbs.
(run → ran, goose → geese)



HW2. Morphology Analyzer

❖ Use the word-POS dictionary

- contains only nouns, verbs, and adjectives
- will be distributed by TAs.

❖ Until 4/5 3:30pm

