Homework #5 Word Sense Disambiguation
Due Nov. 18, 2016 at 4:00pm

```
function SIMPLIFIED LESK(word, sentence) returns best sense of word

    best-sense ← most frequent sense for word
    max-overlap ← 0
    context ← set of words in sentence
    for each sense in senses of word do
      signature ← set of words in the gloss and examples of sense
      overlap ← COMPUTEOVERLAP(signature, context)
      if overlap > max-overlap then
            max-overlap ← overlap
            best-sense ← sense
    end
    return(best-sense)
```

Using WordNet as the dictionary, implement the SIMPLIFIED LESK algorithm for Word Sense Disambiguation for all the nouns in WordNet.

What to submit:
1. Source code file.
2. A report with 3 examples of words in short sentences.
   - 2 positive results
   - 1 negative result