```python
# vim: fileencoding=utf-8
import MeCab

def co_occurrence(sent,word1,word2):
    t = MeCab.Tagger("-Owakati")
    sentence = t.parse(sent)
    sentList = sentence.split(" ")
    oc = 0
    for i in range(len(sentList)-1):
        if sentList[i] == word1 and sentList[i+1] == word2:
            oc += 1
    return oc
def co_occurrence2(sent,word1,word2):
    t = MeCab.Tagger("-Owakati")
    nodes = t.parseToNode(sent)
    nodes = nodes.next
    oc = 0
    while nodes:
        if nodes.surface == word1 and nodes.next.surface == word2:
            oc += 1
        nodes = nodes.next
    return oc
def trim_redundancy(list):
    NoRedundancyList = []
    seen = set()
    for item in list:
        if item not in seen:
            seen.add(item)
            NoRedundancyList.append(item)
    return NoRedundancyList
```