

```
INPUT sentence
sentencelist = sentence.split
words = []
index = 0
FOR word IN sentencelist:
    IF word NOT IN words THEN:
        words[word] = index
        index = index + 1
    ENDIF
FOR word IN sentencelist:
    WRITE words[word] TO index.txt
    WRITE word TO words.txt
OUTPUT "File compressed into indexes and words."
```