No

No

Add synonym to collection

Yes

Does keyword match word?

Scan next item in Thesaurus

Add keyword to collection

No

Stop

Does word match keyword?

Yes

Increase counter by 1

Yes

Compare word against keyword

Is there another word?

Scan next word within document

Output keyword and counters

Yes

No

Is there another document?

Scan next corpus document

Initialise keyword counter to 0

No

Is keyword collection empty?

Scan next keyword

No

Yes

No

Yes

Compare keyword to synonym

Any synonyms left in Thesaurus?

Input Keyword

Start