MY PSEUDOCODE – LAB 7

- ARNAV BHALGAT

1. Initialize:
   - `fixos` vector
   - `typos` vector
   - `final_sentence` string
   - counter `count`

2. Read in data from fixos file:
   while (more data can be read from fixos file) {
      read next_word from fixos file
      add next_word to fixos vector
   }

3. Read in data from typos file:
   while (more data can be read from typos file) {
      read next_word from typos file
      add next_word to typos vector
   }

4. Check if the number of typos and fixos match:
   if (size of fixos vector is not equal to the size of typos vector) {
      return -1 (error)
   }

5. Define function `returnIndex`:

This function takes input <string> `Fixme_word` and vector `typos`.

The function browses through the vector to determine the index of the typo.

If the word is not found, it implies the word is not a typo, and thus the function returns '-1'.

6. Read in data from fixme file:

```
while (more data can be read from fixme file) {
  read next_word from fixme file
  Call the function that looks for the index of the typo.
  Check the index and access the value in the `fixos` vector for that index.
  Add the corrected word to `final_sentence`.
  Iterate the counter.
}
```

8. Output the corrected sentence and the number of autocorrections:

```
output `final_sentence` with a period at the end
output autocorrections
```