Pseudo Code to extract words from one line of text

Given a line of text, represented as a string of characters, the string has no termination character at the end.

```
extractOneLine( String aline )
{
        inWord = False;
        Create a new empty linkedList wordList
        i = 0; // Means starting from the first index of 0, the first char in aline.
        wordLen = 0; // length of a word
        while( i  less than the size of aline ) {
                if aline[i] is an alphabetical letter {
                        if inWord is false, then {
                                start = i; //We reach the start of a new word, then save i into variable start.
                                inWord = true;
                        }//end if
                        wordLen ++;
                }//end if
                else if (inWord is true) { //Means the current character is Not an alphabetical letter, but a delimiter.
                        We have found an English word starting at indext start, with length of wordLen.
                        Use the subString method to copy the word into a string varialbe newWord

                        if( newWord is not a single-letter word, OR newWord is 'a' or 'A' or 'I' or 'i') {
                                 if newWord not exist in wordList, Create a WordItem object for newWord and insert the object into wordList.
                                Or update occurrence and line numbers in the wordList if  newWord has been existing in  wordList.
                        }//end if

                        Reset wordLen = 0;
                        Reset inWord = False;
                }//end else if
                increase i by one for next character
        } //end of while
```

```
if(inWord is true) {
        Extract and add ( or update ) the last word in the line into wordList in the same way as above.
    } //end of if
    Return wordList;
}//end of program
```