Code snippet for main( ) – overall prac to be marked out of 40.

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

lineNumber++;

String[] line = sc.nextLine().split(" ");

int wordNumber = 0;

for (String word: line) {

word = stripWord(word.toLowerCase());

wordNumber++;

//if we haven't everything

if (word != "") {

//get the word from the AVL tree

Entry<String, PositionList<IndexItem>> item = indexTree.find(word);

PositionList<IndexItem> index = null;

if (item == null) {

index = new NodePositionList<IndexItem>();

indexTree.insert(word, index);

} else {

index = item.getValue();

}

index.addLast(new IndexItem(wordNumber, lineNumber));

}

}

}

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