SOLVING THE WORD COUNT PROBLEM

Develop the algorithms before programming

Delroy A. Brinkerhoff

TEST CASE

TEST CASE

```
See the\n
quick red\n
fox
```

COUNTS

- 3 lines

- 5 words

- 17 letters / alphabetic characters

- 2 spaces

- 2 new-line characters

COUNTING:
READ INPUT ONE CHARACTER AT TIME

WORDS

- **Definition: Words are groups of characters separated by white space**

- **Use a Boolean flag:** `in_word`

- `quick red`

LINES

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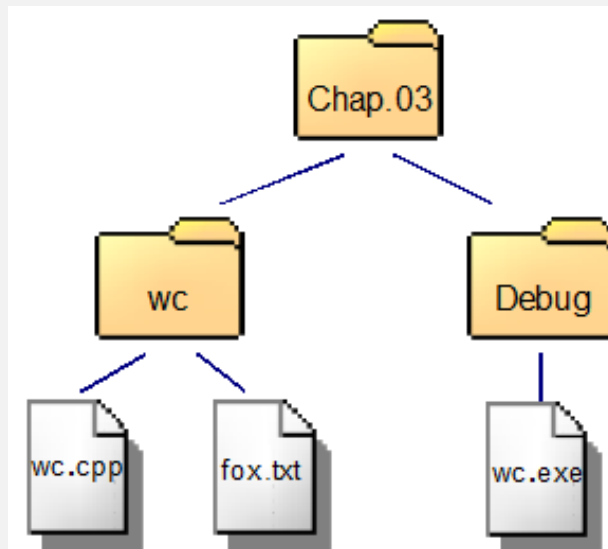
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LINES

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POSITIONING THE INPUT FILE:
THE CURRENT WORKING DIRECTORY

VISUAL STUDIO

COMMAND LINE