Text Justification

FIX this problem we need to format lines so that each line is feely justified to max Wielth characters:

[Koy Rules.]

1 Greechy packing: Put as many words as possible in a line without
exceeding max Wieth.

2 Fully justify (middle lines): Ipaces distributed evenly between words.

If speces don't divide evenly, leftmost gassi get mon ysacus.

3. Fost line ex single word line: Left-justified: words separated by single spaces, and pad the sest at the end.

Algorithm: 1

1. Initialize pointers to collect words per line:

Count words until adding another word would exceed maxwirlth.

2. Compute total spaces:

· speces = max Width - sum (length (words))

3- For middle lenes:

·slots = words-count-1

· Distribute spaces evenly: - space - each = spaces / slots
· extre = spaces / slots (add / extre

space to first extre gass)

4. For lost time:

. Jain words with single space and pad right with spaces,

Complexity:

Tim: OW) where N=total number of characters (single pass).
- Grace: O(N) for result storage.