

Completed with external help (defining bottom-up vs. top-down)  
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1. a. Dynamic programming (bottom up)  
b. It puts that word on a line of its own  
c. It doesn't because words exceeding the max length are not separated into substrings, so there ~~will~~ can be lines that do not maintain the maximum line length
2. a. greedy algorithm, tries to choose best position to start a final line