Correctness of Huffman coding

Correctness 1. Show there is an optimal code tree agrees with our FIRST GREEDY CHOICE. Proof: Let The an optimal code tree such that "b" and "C" appears at the LOWEST -EVEL and they are \$18 LING VEAVES. Let "x" and "y" be the characters which have LOWEST FREQUENCIES. THE GOAL is to construct an optimal tree T" bit. "x" and "y" appears in the LOWEST LEVEL and they are sibunt Leaves.



