Problem (3 / 6 points): It was a dark and mysterious recursion...

Consider the recursive procedure gather that takes a sentence of at least two single-character words (i.e., letters such as 'a', 'b', etc.):

Part A (3 points). What will (gather '(a b b b c d d)) return?

Part B (6 points). Write gather-hof, which behaves the same as gather but uses no explicit recursion.