A particular computer has a hardware representation for texts of length \( n \) characters or less, for some constant \( n \). Longer texts must be represented in software as a string of lists of short texts. (The long text represented is the catenation of the short texts.) A long text is called “packed” if all its items except possibly the last have length \( n \). Write a program to pack a string of lists of short texts without changing the long text represented.