Crushing

Hashmap.

Put position in reading of character x in memory at position x\*8. If collision find next empty space. (from 8 to 8 positions)  
First print how many not null positions (mod 8 == 0) are ahead then print the positions  
if position not null (length) means that character (pos/8) appears in the original text in the following length positions (from 8 to 8 bytes apart)

Lucky case no collisions.

Otherwise would be hard to disgnuish between aaaa or ab for example or more complicated cases







