**Char**  **Packing**

Language contains only 16 letters: **a b c d e f g h i j k l m n o p.**

So it's enough to give only 4 bits for each letter instead of 8 as in ASCII set.

**Write a function that receives as a parameter string and compresses it in a way that each letter takes only 4 bits ( it means, that in each byte/char will be 2 letters).**

Write two versions of this function:

* without bit field option
* with bit field option – use struct and union

**Perform compressing in place ( in the same array of characters).**