

```

1 char *reemplaza(char *cadena, char *quita, char *pon)
2 {
3     int ic, ir, iq, ic0;
4     char a, no, *res;
5
6     res = malloc(1000);
7
8     no = 1;
9     ic = 0;
10    ir = 0;
11    while(a = cadena[ic++]) {
12        if (no) {
13            if (a == *quita) {
14                if (quita[1] == 0) {
15                    iq = 0;
16                    while(a = pon[iq++])
17                        res[ir++] = a;
18                }
19                else {
20                    no = 0;
21                    iq = 1;
22                    ic0 = ic;
23                }
24            }
25            else res[ir++] = a;
26        }
27        else {
28            if (a == quita[iq++]) {
29                if (quita[iq] == 0) {
30                    iq = 0;
31                    no = 1;
32                    while(a = pon[iq++])
33                        res[ir++] = a;
34                }
35            }
36            else {
37                no = 1;
38                res[ir++] = *quita;
39                ic = ic0;
40            }
41        }
42    }
43 }
44
45 if (no == 0) {
46     res[ir++] = *quita;
47     while(a = cadena[ic0++])
48         res[ir++] = a;
49 }
50 res[ir] = 0;
51
52 return res;
53 }
54

```