

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