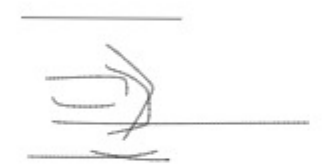
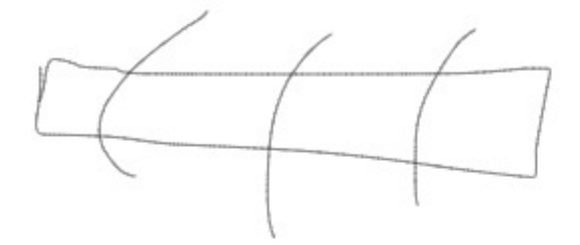


$C_1 = 3 \text{ bits}$

$C_2 = 5 \text{ bits}$

$C_3 = 6 \text{ bits}$

$C_4 = 7 \text{ bits}$



acw

```

    opt(i, j)
    if (exist(c, s[i]))
        cod = c_j(s[i])
    else return cod = "..." // size = ∞
    if (i == s.size)
        return cod;

    if (j == ? \
        T1 = "11"
        T2 = "1011"
        T3 = "100011"
        T4 = "010010"
    
```

return  $\min \{ \overset{T_1}{\text{cod} + \text{OPT}(i+1, 1)}, \overset{T_2}{\text{cod} + \text{OPT}(i+1, 2)}, \overset{T_3}{\text{cod} + \text{OPT}(i+1, 3)}, \overset{T_4}{\text{cod} + \text{OPT}(i+1, 4)} \}$

Caracteres en ASCII  
 for i to s.size  
 i vowel(s[i])

abc4d  
 s: qqq  
 ∞ — 111 —