```
function Count(S_bwt, P):
    c = P[p], i = p
    sp = C[c] + 1; ep = C[c+1]

    while (sp ≤ ep) and (i ≥ 2) do
      c = P[i-1]
      sp = C[c] + Occ(c, sp-1) + 1
      ep = C[c] + Occ(c, ep)
      i = i - 1

    if ep < sp then
      return "not found"
    else
      return ep - sp + 1
```

C[c] = index into first column where the "c"s begin.

Occ(*c*, *p*) = # of of *c* in the first *p* characters of BWT(S), aka the LF mapping.