P - "A"   1st Level

P - "A" "B"   After fork
|
C - "B"

P - "A" "B" "C"
| After next fork
"C""B" C   C - "C"
    |
    C "C"

P - "A" "B" "C" "C"
| After next fork
"C""C""B" C   C - "C"   C - "C"
    | |
"C" C   C "C"   C - "C"

P - "A" "B" "C" "C" "C"
| After last
"C""C""C""B" C   C - "C" A   C - "C" A   Print
    | |
A "C" C   C "C" A   C - "C" A

Total number of "A" : 6
Total number of "B" : 2

Total number of "C": 14