

Bakery  
algorithm

Multiple - Process Solutions <sup>cf</sup>

boolean choosing[n]  
int number[n];  $\leftarrow \emptyset$

do {

    choosing[i] = true;

    number[i] = max(number[0], number[1] ..., number[n-1]) + 1;

    choosing[i] = false;

    for (j = 0; j < n; j++)

    {

        while (choosing[j]);

        while ((number[j] !=  $\emptyset$ ) && (number[j]  $\leq$  number[i]))

↑

tie breaker

    }

CS

    number[i] =  $\emptyset$ ;

RS

} while (1);

↑  
NOT IN TEXT

Though NOT in Text you should understand