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Вход:  $n : \text{int}$  ,  $m : \text{int}$ 
Выход: arrayarray
for  $i$  from 1 to  $m$  do
     $A[i] \leftarrow i$ 
end for
if  $m = n$  then
    return  $A[1..n]$ 
end if
 $p \leftarrow n$ 
while  $p \geq 1$  do
    yield  $A[1..n]$ 
    if  $A[n] = m$  then
         $p \leftarrow p - 1$ 
    else
         $p \leftarrow n$ 
    end if
    for  $i$  from  $n$  downto  $p$  do
         $A[i] \leftarrow A[p] + i - p + 1$ 
    end for
end while

```