

DECOMPRESS (*compressed_data*, *length_uncompressed_data*)

1	for $i \leftarrow 0$ to $\text{length_uncompressed_data} - 1$ do
2	$\text{claimed}[i] \leftarrow \text{false}$
3	$i \leftarrow 0$
4	$j \leftarrow 0$
5	while $i < \text{length}(\text{compressed_data})$ do
6	DECODE (<i>compressed_data</i> , i , <i>uncompressed_data</i> , j , <i>claimed</i>)
7	while $j < \text{length_uncompressed_data}$ and $\text{claimed}[j]$ do
8	$j \leftarrow j + 1$
9	return <i>uncompressed_data</i>