

## Uncompressed

t u m c w i t u m v l d b len = 13

empty symbol table

## Iteration 1

\$ t \$ u \$ m \$ c \$ w \$ ... \$ d \$ b len = 26

Symbol table	symbol	um	tu	wi	cw	mc	
	len	2	2	2	2	2	
	count	2	2	1	1	1	
	gain	4	4	2	2	2	(len * cnt)

## Iteration 2

tu mc wi tu \$ m \$ v \$ l \$ d \$ b len = 14

Symbol table	symbol	tum	tu	wit	mcw	vl	
	len	3	2	3	3	2	
	count	2	2	1	1	1	
	gain	6	4	3	3	2	

## Iteration 3

tum \$ c wit \$ u \$ m vl \$ d \$ b len = 13

Symbol table	symbol	mvl	cwi	vld	tum	wit	
	len	3	3	3	3	3	
	count	1	1	1	1	1	
	gain	3	3	3	3	3	

## Iteration 4

tum cwi tum vld \$ b len = 6

Symbol table	symbol	tum	cwi	vld	b	
	len	3	3	3	1	
	count	2	1	1	1	
	gain	6	3	3	1	

## Compressed

tum cwi tum vld b len = 5