Burrows-Wheeler Transform (BWT)

1. Create the BWT of $S = banana\$$ using the table below.

$\pi(S)$, cyclic permutations of S	rank	i	$\pi^{\text{sorted}}(S)$, sorted permutations of S	$A[i]$	BW(S)

2. Let BW(S) = $evrptte\$eii$ a be the Burrows-Wheeler transform of a string S. Find S.

F	$\cdots$	L	backtrace	build up S
		e		
		v		
		r		
		p		
		t		
		t		
		e		
		\$		
		e		
		i		
		i		