

BWT Searching Example 2

pattern = "bana"

	a	\$	a	b	n
→	\$bananna	0	0	0	0
	a\$banann	0	1	0	0
	ananna\$b	0	1	0	1
	anna\$ban	0	1	1	1
→	bananna\$	0	1	1	2
	na\$banan	1	1	1	2
	nanna\$ba	1	1	1	3
	nna\$bana	1	2	1	3
		1	3	1	3

	n	\$	a	b	n
	\$bananna	0	0	0	0
←	a\$banann	0	1	0	0
	ananna\$b	0	1	0	1
	anna\$ban	0	1	1	1
←	bananna\$	0	1	1	2
	na\$banan	1	1	1	2
	nanna\$ba	1	1	1	3
	nna\$bana	1	2	1	3
		1	3	1	3

(B,E) = 0, 2

	n	\$	a	b	n
	\$bananna	0	0	0	0
	a\$banann	0	1	0	0
	ananna\$b	0	1	0	1
	anna\$ban	0	1	1	1
→	bananna\$	0	1	1	2
	na\$banan	1	1	1	2
	nanna\$ba	1	1	1	3
→	nna\$bana	1	2	1	3
		1	3	1	3

	a	\$	a	b	n
	\$bananna	0	0	0	0
	a\$banann	0	1	0	0
	ananna\$b	0	1	0	1
	anna\$ban	0	1	1	1
	bananna\$	0	1	1	2
←	na\$banan	1	1	1	2
	nanna\$ba	1	1	1	3
←	nna\$bana	1	2	1	3
		1	3	1	3

(B,E) = 1, 2

	a	\$	a	b	n
→	\$bananna	0	0	0	0
→	a\$banann	0	1	0	0
→	ananna\$b	0	1	0	1
→	anna\$ban	0	1	1	1
→	bananna\$	0	1	1	2
	na\$banan	1	1	1	2
	nanna\$ba	1	1	1	3
	nna\$bana	1	2	1	3
		1	3	1	3

(B,E) = 0, 1

	b	\$	a	b	n
	\$bananna	0	0	0	0
	a\$banann	0	1	0	0
	ananna\$b	0	1	0	1
	anna\$ban	0	1	1	1
→	bananna\$	0	1	1	2
→	na\$banan	1	1	1	2
	nanna\$ba	1	1	1	3
	nna\$bana	1	2	1	3
		1	3	1	3