

Przykład

wyliczanie długości NWP dla ciągów

aabca i **cabba**

i \ j		a	a	b	c	a
c						
a						
b						
b						
a						

i \ j		a	a	b	c	a
	0	0	0	0	0	0
c	0					
a	0					
b	0					
b	0					
a	0					

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0				
a	0					
b	0					
b	0					
a	0					

$a \neq c$

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0			
a	0					
b	0					
b	0					
a	0					

$a \neq c$

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0		
a	0					
b	0					
b	0					
a	0					

$b \neq c$

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	
a	0					
b	0					
b	0					
a	0					

c = c

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0					
b	0					
b	0					
a	0					

a ≠ c

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1				
b	0					
b	0					
a	0					

a = a

		a	a	b	c	a
	0	0	0	0	0	0
c	0	-0	-0	-0	\1	-1
a	0	\1	\1			
b	0					
b	0					
a	0					

a = a

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\1	-1
a	0	\1	\1	- 1		
b	0					
b	0					
a	0					

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	
b	0					
b	0					
a	0					

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\1	-1
a	0	\1	\1	- 1	- 1	\2
b	0					
b	0					
a	0					

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\1	-1
a	0	\1	\1	- 1	- 1	\2
b	0	 1				
b	0					
a	0					

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1			
b	0					
a	0					

a ≠ b

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\1	-1
a	0	\1	\1	- 1	- 1	\2
b	0	 1	- 1	\2		
b	0					
a	0					

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	
b	0					
a	0					

i \		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0					
a	0					

i \		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0					

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

Drukowanie znalezionego NWP

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

a

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

a

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

ba

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

ba

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

ba

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

aba

		a	a	b	c	a
	0	0	0	0	0	0
c	0	- 0	- 0	- 0	\ 1	- 1
a	0	\ 1	\ 1	- 1	- 1	\ 2
b	0	 1	- 1	\ 2	- 2	- 2
b	0	 1	- 1	\ 2	- 2	- 2
a	0	\ 1	\ 2	- 2	- 2	\ 3

aba