Assignment 2 Transform   Roman Styrku

a. n=5

(i=0)   (i=1)   (i=2)   (i=3)   (i=4)

($b[0]=f(a[0])$)($b[1]=f(a[1])$)($b[2]=f(a[2])$)($b[3]=f(a[3])$)($b[4]=f(a[4])$)

b. Width = n
   CP = 1
   Work = N

c. 1 Processor

0	1	2	3	4	5
$b[0]=f(a[0])$	$b[1]=f(a[1])$	$b[2]=f(a[2])$	$b[3]=f(a[3])$	$b[4]=f(a[4])$	

2 Processors

	0	1	2
P1	$b[0]=f(a[0])$	$b[2]=f(a[2])$	$b[4]=f(a[4])$
P2	$b[1]=f(a[1])$	$b[3]=f(a[3])$	

The shape would be rectangular since
all processes are independent.