

$n = \text{input}$	$a <= n$	$k = 0$	$b = b + 1$	$k = b$	$k > 5$	$a = a + 1$	Output
$a = 1$	$1 < 5$	$k = 1$	$b = 1 + 1$	$k = 1$		$a = 1 + 1$	1
$b = 1$	$2 < 5$	$k = 2$	$b = 2 + 1$	$k = 2$	$2 > 1$	$a = 2 + 1$	1 2
	$3 < 5$	$k = 3$	$b = 3 + 1$	$k = 3$	$3 > 1$	$a = 3 + 1$	1 2 1
	$4 < 5$	$k = 4$	$b = 4 + 1$	$k = 4$	$4 > 1$	$a = 4 + 1$	1 2 3 2 1
	$5 < 5$	$k = 5$	$b = 5 + 1$	$k = 5$	$5 > 1$	$a = 5 + 1$	1 2 3 4 3 2 1