There is an idea if all the elements of the array are positive. If a subarray has sum greater than the given sum then there is no possibility that adding elements to the current subarray the sum will be x (given sum).

GeeksForGeeks has subtracted the extra values from left if once the sum exceeds our expectation.

## **Brute Force**: Nested for loops

**Optimized**: Time complexity: O(n); Space complexity: O(1)

Day Ren:	for (i-on; i+t) // Start = 0 initially
<u> </u>	
`	Ecurrhun = 1 p=
	if (currentum > 8)
·	L'uhile ( & L russentdum)
	moventhum - = an [ start ]; (1) massin - 6 Rage
	a start++; It rursum = 13
	1) cuartum = 13 - 1 = 12
	- 12 12 - 12 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Lo, 2, 3, 7, 54 3 12 (V) 17 (V) 16 Heat 3
	JIM II) S my ( Company)
	:. Time comp O(n) + O(n) = 20(n) = O(n)