Smallest Subarray with given sum.
Smallest Subarray with given sum. sum=2
Input: [2, 1, 5, 2, 3, 2] S=7
Sum = 3
[2,1,5,2,3,2] greater than Sum = 8
[2, 1, 5, 2, 3, 2] $[3um = 6]$
[2, 1, 5, 2, 3, 2]
Stiding Window min-length = Math.inf
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Algorithm;
. Add elements of the away from the
beginning (Element (by Element)
beginning (Element by Element) until the Sum of the clement
is equal or greater than the S
2. Once the windows sum > S store the
min (min-length, window Srze)
Remove the first along the
Remove the first element in the window and check for the condition again. If not true them increase the window size
me what and their for the window
Size

4:) N4.ºn (Premion	ely Stored	Len(w),	New	len(w))
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