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

```
vector<int> v;
    int sum = 0;
    for (int i = 0; i < n; i++)
    {
            -------
        for(int j = i; j < n; j++)
        {
            -------
        }
      ------
    }
```

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