1) //function in Java

static int smallestSubarray(int arr[], int n, int x)

    {

        // Initialize current sum and minimum length

        int curr\_sum = 0, min = n + 1;

        // Initialize starting and ending indexes

        int start = 0, end = 0;

        while (end < n) {

            // Keep adding array elements while current sum

            // is smaller than or equal to x

            while (curr\_sum <= x && end < n)

                curr\_sum += arr[end++];

            // If current sum becomes greater than x.

            while (curr\_sum > x && start < n) {

                // Update minimum length if needed

                if (end - start < min)

                    min = end - start;

                // remove starting elements

                curr\_sum -= arr[start++];

            }

        }

        return min\_len;

    }