Given a target sum, find the Maximum Size Subarray with that sum

```
 public int maxSubArrayLen(int[] nums, int k) {
      HashMap<Integer, Integer> hm = new HashMap<>();
      int sum = 0; int len = 0;
      for(int i = 0; i < nums.length; i++){
         sum += nums[i];
         if(sum == k) len = Math.max(len, i + 1);
         else if(hm.containsKey(sum - k)) len = Math.max(len, (i - hm.get(sum - k))); //difference is excess and seeing if it already calculated...if excess is removed, we have a match
         if(!hm.containsKey(sum)) hm.put(sum, i);
      }
      return len;
 }
```