Largest sum of contiguous subarray (Very important)

An array will be provided to you. Find the contiguous sub-array with maximum sum.

Complete function given below.

```cpp
#include <bits/stdc++.h>
using namespace std;

int maxSubarraySum(int a[], int n) {
    // Your code here
}

signed main() {

    int n;
    cin >> n;
    int a[n];
    for(auto &x:a) cin >> x;
    cout << maxSubarraySum(a,n);

    return 0;
}

/*

Input:
8
-2 -3 4 -1 -2 1 5 -3

Output:
7

*/
```