

programme / instcpp / maximum subarray

```
1  #include<bits/stdc++.h>
2  using namespace std;
3
4
5  //} driver code ends
6  class solution
7  {
8      public:
9      //function to find a continuous sub-array
10     vector<int> subarraysum(int arr[], int n,int i,int j)
11     {
12         //your code here
13         int sas=0,i=0,c=0;
14         vector<int> v;
15         for(int j=0; j<n; j++)
16         {
17             if(sas+arr[j]<=s)
18             {
19                 sas+=arr[j];
20             }
21             else
22             {
23                 sas+=aar[j];
24                 while(sas>s)
25                 {
26                     sas-=arr[i];
27                     i++;
28                 }
29             }
30         }
```


c++ programme > first.cpp > maximum subarray

```
27         i++;
28     }
29 }
30 if(sas==s)
31 {
32     v.push_back(i+1);
33     v.push_back(j+1);
34     return v;
35 }
36 }
37 if(c==0)
38 {
39     v.push_back(-1);
40     return v;
41 }
42 }
43 };
44 // { driver code starts.
45
46 int main()
47 {
48     int t;
49     cin>>t;
50     while(t-->0)
51     {
52         int n;
53         long long s;
54         cin>>n>>s;
55         int arr[n];
56         const int mx = 1e9;
```


c++programme > first.cpp > maximum subarray

```
48     int t;
49     cin>>t;
50     while(t--)
51     {
52         int n;
53         long long s;
54         cin>>n>>s;
55         int arr[n];
56         const int mx = 1e9;
57         for(int i=0;i<n;i++)
58         {
59             cin>>arr[i];
60         }
61         solution ob;
62         res=ob.subarraysum(arr,n,s);
63     }
64 }
```


programme / first.cpp > maximum points card.cpp

```
1  class solution:
2      def maxscore(self, cardpoints: list[int], k: int) -> int:
3          l, r = 0, len(cardpoints) - k;
4          total = sum(cardpoints[r:]);
5          res = total;
6
7
8          while r < len(cardpoints):
9              total += (cardpoints[l] - cardpoints[r]);
10             res = max(res, total);
11             l += 1;
12             r += 1;
13
14         return res;
```