⑂ fork (3)   ⬇download   ⧉copy

```
1.  #include<bits/stdc++.h>
2.  using namespace std;
3.  int main()
4.   {
5.        int n,m,i,j,k,mx,mn,T,t,u,v;
6.        cin>>T;
7.        while(T--)
8.       {
9.          cin>>n;
10.         int a[n],temp[n];
11.         for(i=0;i<n;i++)
12.                cin>>a[i];
13.
14.        temp[0]=a[0];
15.        temp[1]=(a[0]>a[1])?a[0]:a[1];
16.
17.        for(i=2;i<n;i++)
18.        {
19.            temp[i]=max(temp[i-1],temp[i-2]+a[i]);
20.        }
21.        cout<<temp[n-1]<<"\n";
22.       }
23.  }
24.
```

http://ideone.com/kS8Td2

language:	**C++14**
created:	23 days ago
visibility:	🌐 public

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```
<script src="http://ideone.com/e.js/kS8Td2"
type="text/javascript" ></script>
```

Success #stdin #stdout 0s 3472KB   💬 comments (0)

⌨ stdin   copy

```
2
6
5 5 10 100 10 5
4
3 2 7 10
```

⚙ stdout   copy

```
110
13
```