## Count binary strings with non two consecutive zeroes

14 April 2022 13:01

https://nados.io/question/count-binary-strings

DECISION TAKEN WITH THE HELP OF LAST ELEMENT.

```
#include<iostream>
using namespace std;
int main()
{
    int n;
    cin>>n;

    int arr[n+1][2];

    arr[0][1]=0;
    arr[0][0]=0;
    arr[1][0]=1;
    arr[1][1]=1;
    for(int i=2;i<=n;i++)
    {
        arr[i][0]=arr[i-1][1];
        arr[i][1]=arr[i-1][0]+arr[i-1][1];
    }
    cout<<arr[n][0]+arr[n][1]<<endl;
}</pre>
```

**DRY RUN** 

.



