

### 3.구간 합 구하기

```
#include <iostream>
using namespace std;
int main(){
    ios :: sync_with_stdio(0);
    cin.tie(0);
    int n;
    int index;
    int a[100001]={};
    int s[100001]={};
    int x,y;
    cin >> n >> index;
    for(int i=1;i<=n;i++){
        cin>>a[i];
        s[i]=s[i-1]+a[i];
    }
    for(int j=0;j<index;j++){
        cin >>x >> y;
        cout<< s[y]-s[x-1]<<'\n';
    }

    return 0;

}
```