```cpp
#include<iostream>
#include<vector>
using namespace std;
vector<int>abc;
int strange_sum(int x, int y) {
        if (y!= x)
        return strange_sum(x, (y+x) / 2)+strange_sum((y+x) / 2 + 1, y);
        else
                return arr[y];
}
int main() {
        int n;
        cin>>n;
        arr.resize(n);
        for (int i=0; i<n; ++i)
                cin >> arr[i];
        cout << strange_sum(0, n-1);
        return 0;
}
```