

```
1 #include <iostream>
2 #include <math.h>
3 using namespace std;
4
5 int main()
6 {
7     int a,b;
8     cout<<"numarul 1: ";
9     cin>>a;
10    cout<<"numarul 2: ";
11    cin>>b;
12    if((a%2==0&&b%2==0)|| (a%2==1&&b%2==1))
13        {cout<<"au aceeasi paritate"<<endl;
14         cout<<(a+b)/2;}
15    else
16        {cout<<"nu au aceeasi paritate"<<endl;
17         cout<<sqrt(a*b);}
18    return 0;
19 }
```