**ZADATAK 04**

TEST 1

|  |  |
| --- | --- |
| 1  1 | 2.500 |

TEST 2

|  |  |
| --- | --- |
| 3591  1314 | 11796435.000 |

TEST 3

|  |  |
| --- | --- |
| 99999999  99999999 | 24999999500000000.000 |

TEST 4

|  |  |
| --- | --- |
| 233  2339999 | 1363049417.500 |

TEST 5

|  |  |
| --- | --- |
| 33333333  56787 | 4732249952677.500 |

**ZADATAK 05**

TEST 1

|  |  |
| --- | --- |
| 1 2  2 1  1 1  0 0 | 1.50 1.50  NE |

TEST 2

|  |  |
| --- | --- |
| 3 -1  -1 2  -1 -1  0 0 | 1.00 0.50  DA |

TEST 3

|  |  |
| --- | --- |
| 2.25 -1.5  -0.75 0.75  -0.75 -1.5  1.6 1.6 | 0.75 -0.38  NE |

TEST 4

|  |  |
| --- | --- |
| 0.05 -0.15  -0.075 0.15  -0.075 -0.15  -0.02411 -0.05304 | -0.01 0.00  DA |

TEST 5

|  |  |
| --- | --- |
| 0.05 -0.15  -0.075 0.15  -0.075 -0.15  -0.15104 0.22889 | -0.01 0.00  NE |

**4. zadatak**

#include <bits/stdc++.h>

using namespace std;

int main()

{

long long int n,b;

cin>>n>>b;

cout<<fixed<<showpoint<<setprecision(3)<<n\*b\*2.5<<endl;

return 0;

}

**5. zadatak**

#include <bits/stdc++.h>

using namespace std;

int main()

{

double xa, ya, xb, yb, xc, yc, xs, ys, x, y;

cin>>xa>>ya>>xb>>yb>>xc>>yc>>x>>y;

xs=(xa+xb)/2;

ys=(ya+yb)/2;

cout<<fixed<<showpoint<<setprecision(2)<<xs<<" ";

cout<<fixed<<showpoint<<setprecision(2)<<ys<<endl;

if(sqrt((x-xs)\*(x-xs)+(y-ys)\*(y-ys))<=sqrt((xa-xs)\*(xa-xs)+(ya-ys)\*(ya-ys)))cout<<"DA";

else cout<<"NE";

return 0;

}