#include<bits/stdc++.h>

using namespace std;

int main()

{

int a,b,c,d;

cin>>a>>b>>c>>d;

a=a%100;

b=b%100;

c=c%100;

d=d%100;

int x=a\*b\*c\*d;

int y=x%100;

if(y<10)

{

cout<<0<<y<<endl;

}

else

{

cout<<y<<endl;

}

}