

D-Vacation

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#include<iostream>
#include<cstdio>
#include<cstring>
#include<cstdlib>
#include<cmath>
#define LL long long
using namespace std;
const int N=1e5+10;
int n;
LL l[N], s[N], v[N];
int read()
{
    int x=0, f=1; char c=getchar();
    while(c<'0' || c>'9') {if(c=='-') f=-1; c=getchar();}
    while(c>='0' && c<='9') {x=x*10+c-'0'; c=getchar();}
    return x*f;
}
int main()
{
    while(~scanf("%d", &n))
    {
        LL len=0;
        double mint=0;
        for(int i=0; i<=n; i++) l[i]=read();
        for(int i=0; i<=n; i++) s[i]=read();
        for(int i=0; i<=n; i++) v[i]=read();
        for(int i=0; i<=n; i++)
        {
            if(!i) mint=s[i]*1.0/v[i];
            else len+=l[i], mint=max(mint, ((s[i]+len)*1.0)/v[i]);
        }
        printf("%.10lf\n", mint);
    }
    return 0;
}
```

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