#include <iostream>

#include<vector>

#include <algorithm>

using namespace std;

bool comprator(pair<int,int>p1,pair<int,int>p2){

double v1=(double)p1.first/p1.second;

double v2=(double)p2.first/p2.second;

return v1>v2;

}

int main()

{

int n;

cin>>n;

vector<pair<int,int>>v(n);

for(int i=0;i<n;i++){

cout<<"enter the value:"<<endl;

cin>>v[i].first;

cout<<"enter the weight"<<endl;

cin>>v[i].second;

}

int w;

int ans=0;

cout<<"enter the weight of knapsack:"<<endl;

cin>>w;

sort(v.begin(),v.end(),comprator);

for(int i=0;i<n;i++){

if(w>=v[i].second){

ans+=v[i].first;

w-=v[i].second;

}

else{

double vw=(double)v[i].first/v[i].second;

ans+=vw\*w;

w=0;

break;

}

}

cout<<ans;

return 0;

}