package Fractionalknapsack;

import java.util.\*;

class Pair

{

int first;

double second;

Pair(int first, double second)

{

this.first = first;

this.second = second;

}

}

/\*class Compare implements Comparator<Pair> {

public int compare(Pair p1, Pair p2) {

return Double.compare(p1.second, p2.second);

}

}\*/

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

double wp;

int w,b,i,n,W;

n = sc.nextInt();

W = sc.nextInt();

Pair arr[] = new Pair[n];

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

{

w = sc.nextInt();

b = sc.nextInt();

wp = (double)b/w;

arr[i] = new Pair(w,wp);

}

Arrays.sort(arr, new Comparator<Pair>() {

@Override public int compare(Pair p1, Pair p2)

{

return (int) ((p1.second\*1000) - (p2.second\*1000));

}

});

/\*for(i = n-1 ; i>=0 ; i--)

System.out.println(arr[i].first+" "+arr[i].second);\*/

double tb = 0.0;

int tw = 0;

for ( i = n-1; i >= 0; i--)

{

if(tw + arr[i].first <= W){

tw += arr[i].first;

tb += (double)arr[i].first\*arr[i].second;

}

else{

double remain = W - tw;

tb = tb + (arr[i].second\* (double)remain);

break;

}

}

System.out.println(tb);

}

}