

Assignment 1 (Output)

Test Case 1:

PROBLEMS SUBMIT STATUS STANDINGS CUSTOM TEST

Source:

```
16 vector<pair<double, int>> ratio;  
17  
18 For(i, total_bags) {  
19     cin >> profit >> weight;  
20     v_data.pb({profit, weight});  
21     ratio.pb({(double)profit / weight, i });  
22 }  
23 sort(ratio.rbegin(), ratio.rend());  
24  
25 For(i, total_bags) {  
26     int idx = ratio[i].second;  
27     int item_weight = v_data[idx].second;  
28     int item_profit = v_data[idx].first;  
29  
30     if (m >= item_weight) {  
31         final_profit += item_profit;  
32         m -= item_weight;  
33     } else {  
34         final_profit += (double)m * ratio[i].first;  
35         break;  
36     }  
37 }  
38 cout << fixed << setprecision(2) << final_profit << endl;  
39 }  
40  
41
```

☐ Switch off editor

Tab size: 4

Language: GNU G++17 7.3.0

Input:

```
3 50  
60 10  
100 20  
120 30
```

Choose File No file chosen

No more than 256 KB

Output:

240.00

=====

Used: 62 ms, 0 KB

First 255 bytes only

Test Case 2 :

Language: GNU G++17 7.3.0

Input:

```
4 60  
280 40  
100 10  
120 20  
120 24
```

Choose File No file chosen

No more than 256 KB

Output:

440.00

=====

Used: 46 ms, 0 KB

First 255 bytes only

Tab size: 4