Fractional Knapsack

Given *weights* and *values* of **N** items, we need to put these items in a knapsack of capacity **W** to get the *maximum* total value in the knapsack.
Note: Unlike 0/1 knapsack, you are allowed to break the item.

Example 1:

```
Input:
N = 3, W = 50
values[] = {60,100,120}
weight[] = {10,20,30}
Output:
240.00
Explanation:Total maximum value of item
we can have is 240.00 from the given
capacity of sack.
```

Example 2:

```
Input:
N = 2, W = 50
values[] = {60,100}
weight[] = {10,20}
Output:
160.00
Explanation:
Total maximum value of item
we can have is 160.00 from the given
capacity of sack.
```

Your Task :
Complete the function ***fractionalKnapsack()*** that receives maximum capacity , array of structure/class and size n and returns a double value representing the maximum value in knapsack.
Note: The details of structure/class is defined in the comments above the given function.

Expected Time Complexity : O(NlogN)
Expected Auxilliary Space: O(1)

Constraints:
$1 <= N <= 10^5$
$1 <= W <= 10^5$