The New Year is near, and Nader is preparing to buy presents to all his friends !

He has one problem though, and you will have to help him with that. Nader still doesn't know for how many people is he going to buy presents. He also doesn't know his budget, and how big bag he is going to carry for the presents. Actually, Nader doesn't know anything at all, right now.

When Nader finds out all of those three things, he will have to go and buy the presents. He must buy equal amount of presents for each person, otherwise someone may get offended! He also wants to spend as much money from the budgets as he can , as he promised his friends !

You will have to write a function, that will calculate the maximum amount of money he is going to spend from his budget.

Here is what you will be given:

1) The amount of money Nader has for spending.
2) The volume of the bag, in which he will carry the presents.
3) The number of people he has to buy presents for.
4) The number of presents in the store.
5) Volume and price for each present.

The function will look like that:

public static float PresentList(float budget, float bagVolume, int people, int Npresents, float [] presentVolume, float [] presentPrice);

Example input:
budget = 183.23
bagVolume = 64.11
people = 7
Npresents = 12

$presentVolume[0] = 4.53$
$presentPrice[0] = 12.23$
$presentVolume[1] = 9.11$
$presentPrice[1] = 45.03$
$presentVolume[2] = 4.53$
$presentPrice[2] = 12.23$
$presentVolume[3] = 6.00$
$presentPrice[3] = 32.93$
$presentVolume[4] = 1.04$
$presentPrice[4] = 6.99$
$presentVolume[5] = 0.87$
$presentPrice[5] = 0.46$
$presentVolume[6] = 2.57$
$presentPrice[6] = 7.34$
$presentVolume[7] = 19.45$
$presentPrice[7] = 65.98$
$presentVolume[8] = 65.59$
$presentPrice[8] = 152.13$
$presentVolume[9] = 14.14$
$presentPrice[9] = 7.23$
$presentVolume[10] = 16.66$
$presentPrice[10] = 10.00$
$presentVolume[11] = 13.53$
$presentPrice[11] = 25.25$

Note
1) There can be two or more presents with equal price and volume!
2) The amount of presents in the store will always be greater to the amount of people Nader has to buy presents for.
3) Remember: Nader can buy more than one present for each person, but the amount of presents he gives to each person must be equal! i.e. everyone gets 1 present, or everyone gets 2 presents, and so on...
4) Remember: Nader need to spend AS MUCH money as possible, but not go over the budget!