Two backpackers are travelling around the world, they have several items (tents, cooking equipment, food, clothing, etc.), and need to split the weight between them as evenly as possible.

The backpacker 1 will carrier the heaviest

Could you help them split the items between them for each trip?

* Max weight of item 600
* Min weigh of item 5
* Max items 15
* Min items 3

|  |  |  |
| --- | --- | --- |
| Trip | Input | Output |
|  | Item1 item2 item3 | Backpacker1 backpacker2 |
| 1 | 529 382 130 462 223 167 235 529 | 1344 1313 |
| 2 | 528 129 376 504 543 363 213 138 206 440 504 418 | 2181 2181 |

* Remarks SOLID principles
* Not finished? No problem. The main focus of this assignment is to get an idea of your method of problem solving, and of your code style. Make sure that what you are coding, is something you are proud of. (Send the code that you have done and if you want finish the solution and send us when is completed)