## Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 50  2  1.0  0.10  10.0 | Items purchased for 34.00$. | Needed items for 2 students :  apronPrice \* (students + 20%) + eggPrice \* 10 \* (students) + flourPrice \* (students - freePackages)  10 \* (3) + 0.10 \* 10 \* (2) + 1 \* (2) = 34.00  34.00 <= 50 – the budget is enough. |
| **Input** | **Output** | **Comments** |
| 100  25  4.0  1.0  6.0 | 410.00$ more needed. | Needed items for 25 students:  6 \* 30 + 10 \* 25 + 4 \* 20 = 510.00  510 > 100 – need 410$ more. |
| **Input** | **Output** |  |
| 40  2  1.0  0.10  10.0 | Items purchased for 34.00$. |  |

## JS Input / Output

The input will be passed as 5 different number parameters.

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| ([50,  2,  1.0,  0.10,  10.0]) | Items purchased for 34.00$. | Needed items for 2 students :  apronPrice \* (students + 20%) + eggPrice \* 10 \* (students) + flourPrice \* (students - freePackages)  10 \* (3) + 0.10 \* 10 \* (2) + 1 \* (2) = 34.00  34.00 <= 50 – the budget is enough. |
| **Input** | **Output** | **Comments** |
| ([100,  25,  4.0,  1.0,  6.0]) | 410.00$ more needed. | Needed items for 25 students:  6 \* 30 + 10 \* 25 + 4 \* 20 = 510.00  510 > 100 – need 410$ more. |
| **Input** | **Output** |  |
| ([40,  2,  1.0,  0.10,  10.0]) | Items purchased for 34.00$. |  |