### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 500  5  50  100  200  100  30 | Player successfully collected his needed experience for 5 battles. |
| **Comments** | |
| The first line is the amount of the wanted experience. – **"500"**  The second line is the expected battles for which he has to collect the experience. – **"5"**  After that is the experience received for every battle:  **50 + 100 + (200 + (200 \* 15 %)) + 100 + (30 – (30 \* 10 %)) = 507**  So on the console is printed :  **"Player successfully collected his needed experience for 5 battles."** | |
| **Input** | **Output** |
| 500  5  50  100  200  100  20 | Player was not able to collect the needed experience, 2.00 more needed. |
| **Input** | **Output** |
| 400  5  50  100  200  100  20 | Player successfully collected his needed experience for 4 battles. |

### JS Input

The input will be provided as an **array of numbers**

|  |  |
| --- | --- |
| **Input** | **Output** |
| ([500,  5,  50,  100,  200,  100,  30]) | Player successfully collected his needed experience for 5 battles. |
| **Comments** | |
| The first line is the amount of the wanted experience. – **"500"**  The second line is the expected battles for which he has to collect the experience. – **"5"**  After that is the experience received for every battle:  **50 + 100 + (200 + (200 \* 15 %)) + 100 + (30 – (30 \* 10 %)) = 507**  So on the console is printed :  **"Player successfully collected his needed experience for 5 battles."** | |
| **Input** | **Output** |
| ([500,  5,  50,  100,  200,  100,  20]) | Player was not able to collect the needed experience, 2.00 more needed. |
| **Input** | **Output** |
| ([400,  5,  50,  100,  200,  100,  20]) | Player successfully collected his needed experience for 4 battles. |

### Examples