## Problem 1 – Work Hours

Lelia Vanche is a very keen freelance developer. She is well known for her outstanding skills, but she is also known for being pretty moody, which often affects her productivity. She also has a passion for bicycles and **10% of the normal work days** she goes mountain-biking instead of working.

You are asked to calculate whether Lelia Vanche can finish a project on time. You will be given the number of **hours required to finish the project**, the **days** that Lelia Vanche has available for working (mind that she goes to biking in 10% of this time) and her **average productivity** during the given period. Assume that a normal work day for Lelia Vanche has **12 hours**. Note that only the whole hours are taken (e.g. 6.98 hours is rounded down to 6 hours).

### Input

Input data should be read from the console.

* The number **h** (the required work **hours** to finish the project) is on the first input line.
* The number **d** (the **days** available to finish the project) is on the second input line.
* The number **p** (the productivity in **percent**) is on the third input line.

The input data will always be valid and in the format described. There is no need to check it explicitly.

### Output

The output data must be printed on the console.

* On the first output line you should print ‘**Yes’** or ‘**No’** if Lelya Vanche can complete the project.
* On the second output line you should print the **difference,** between the project hours and the work hours**.**

### Constraints

* The number **h** will be an integer between 0 and 2 147 483 647, inclusive.
* The number **d** will be an integer between 0 and 89 478 485, inclusive.
* The number **p** will be an integer between 0 and 100, inclusive.
* Allowed working time for your program: 0.1 seconds.
* Allowed memory: 16 MB.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 60  6  75 | No  -12 | The project requires 40 hours. Lalia Vanche has 6 days, of which 10% she will be biking, so she will work 5.4 days \* 12 hours = 64.8 hours \* 75% productivity = 48.6 efficient work hours, which is rounded down to 48. She will be able to complete the project. The difference is 60 - 48 = -12 (she needs more 12 hours). |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
| 1  1  100 | Yes  9 | 240  10  100 | No  -132 | 10  10  10 | Yes  0 | 21  10  10 | No  -11 |