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Work on project. Stage 2/6: Machines have needs

Project: Coffee Machine

📶 Hard ❓   🕐 9 minutes

Description

Now let's consider a case when you need a lot of coffee. Maybe you're hosting a party with a lot of guests! In these circumstances, it's better to make preparations in advance.

So, we will ask a user to enter the desired amount of coffee, in cups. Given this, you can adjust the program by calculating how much water, coffee, and milk are necessary to make the specified amount of coffee.

Of course, all this coffee is not needed *right* now, so at this stage, the coffee machine doesn't actually make any coffee yet.

11 / 11 Prerequisites

✓ PEP 8 `Stage 2` 27⭐ •••

✓ Comments `Stage 2` 27⭐ •••

✓ Basic data types `Stage 2` 27⭐ •••

✓ Variables `Stage 2` 26⭐ •••

✓ Integer arithmetic `Stage 2` 22⭐ •••

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Objectives

Let's break the task into several steps:

1. First, read the numbers of coffee drinks from the input.
2. Figure out how much of each ingredient the machine will need. Note that one cup of coffee made on this coffee machine contains *200 ml* of water, *50 ml* of milk, and *15 g* of coffee beans.
3. Output the required ingredient amounts back to the user.

Examples

The greater-than symbol followed by space (>) represents the user input. Notice that it's not the part of the input.

Example 1: *a dialogue with a user might look like this*

```
1   Write how many cups of coffee you will need:
2   > 25
3   For 25 cups of coffee you will need:
4   5000 ml of water
5   1250 ml of milk
6   375 g of coffee beans
```

Example 2: *here is another dialogue*

```
1   Write how many cups of coffee you will need:
2   > 125
3   For 125 cups of coffee you will need:
4   25000 ml of water
5   6250 ml of milk
6   1875 g of coffee beans
```

⌨ Write a program

Code Editor   IDE

Python

```
1   # Write your code here
2   list1 =['Starting to make a coffee','Grinding coffee beans','Boiling water','Mixing boiled water with crushed coffee beans','Pouri
3   for item in list1:
4       print(item)
```

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