≡   Quiz: Variables and Assignment Operators   ✉

Quiz: Assign and Modify Variables

Now it's your turn to work with variables. The comments in this quiz (the lines that begin with #) have instructions for creating and modifying variables. After each comment write a line of code that implements the instruction.

Note that this code uses scientific notation to define large numbers. `4.445e8` is equal to `4.445 * 10 ** 8` which is equal to `444500000.0`.

```
 1  # The current volume of a water reservoir (in cubic metres)
 2  reservoir_volume = 4.445e8
 3  # The amount of rainfall from a storm (in cubic metres)
 4  rainfall = 5e6
 5
 6  # decrease the rainfall variable by 10% to account for runoff
 7
 8  # add the rainfall variable to the reservoir_volume variable
 9
10  # increase reservoir_volume by 5% to account for stormwater that flows
11  # into the reservoir in the days following the storm
12
13  # decrease reservoir_volume by 5% to account for evaporation
14
15  # subtract 2.5e5 cubic metres from reservoir_volume to account for water
16  # that's piped to arid regions.
17
18  # print the new value of the reservoir_volume variable
```

| RESET QUIZ | TEST RUN | SUBMIT ANSWER |

Quiz: Changing Variable Values