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## Activity: assign, re-assign and update a variable

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### Quiz

4/4 points (graded)

Do you remember how variables work?

Let's consider a pollution index within a variable that is declared with the instruction:

```
int pollution = 0;
```



The program continues, what is the value of the pollution variable after the following instruction?

pollution = 34;

34

34

The program still continues, what is the value of the pollution variable after this instruction?

```
pollution = pollution + 34;
```

68

68

And after these two instructions?

```
pollution = pollution - 8;
```

```
pollution = pollution - 20;
```

40

40

Finally, the program terminate with the following instructions:

```
pollution = 10;
```

```
pollution = pollution + 12;
```

What is the value of the variable pollution after these final instructions?

22

22

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You have used 1 of 2 attempts

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Correct (4/4 points)

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