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The for-loop → From sum to product

Medium 2 minutes

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You have a loop for calculating the sum of integer numbers in the range from **start** to **end** (inclusively). The result is stored in the **accumulator** variable. Assume that **start** and **end** variables are already declared as some integer values, so that **start** <= **end**.

```
1 | int accumulator = 0;           // (1)
2 | for (int i = start; i <= end; i++) { // (2)
3 |     accumulator += i;         // (3)
4 | }
```

You need to change two lines in this code to calculate the multiplication of integer numbers in this range.

Select the correct revision.

Report a typo

Select one option from the list

- ☐ (1) int accumulator = 1; (3) accumulator *= i;
- ☐ (1) int accumulator = 1; (2) for (int i = 1; i <= end; i++);
- ☐ (1) int accumulator = 1; (2) for (int i = start; i <= end; i *= 1);
- ☐ (2) for (int i = 1; i <= end; i++); (3) accumulator *= i;

✓ Correct.

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