CodeStepByStep

sebgascoin

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✅ evenAverage ♡

Language/Type:	C++ basics user input
Related Links:	simpio.h

Write C++ code that prompts the user for nonzero integers, and then prints the average of all <u>even</u> numbers typed. (When the user types 0, stop asking for input.) You may assume that the user types at least one even integer. The following is an example output from one run of your code:

```
Integer? 1
Integer? 3
Integer? 2
Integer? 6
Integer? 4
Integer? 10
Integer? 9
Integer? 0
Average: 5.5
```

.
.
.

```cpp
1  int integer = 0;
2  int totalint = 0;
3  double avg = 0;
4  bool zerocheck = true;
5
6  do {
7
8      cout << "Integer? ";
9      cin >> integer;
10     if(integer <= 0){
11         cout << "Average: " << avg/totalint << endl;
12         zerocheck = false;
13     }
14     else if(integer%2 == 0){
15         avg += integer;
16         totalint++;
17     }
```

```
18 } while (zerocheck);
```

Bare code. Write a fragment of C++ code as described,
without any `main` function or heading around your code.

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✅ **You passed 3 of 3 tests.**   ✖

test #1:	`test1`

console output:	`Integer? 1`
	`Integer? 3`
	`Integer? 2`
	`Integer? 6`
	`Integer? 4`
	`Integer? 10`
	`Integer? 9`
	`Integer? 0`
	`Average: 5.5`

result:	✅ pass

test #2:	`test2`

console output:	`Integer? 4`
	`Integer? 6`
	`Integer? 158`
	`Integer? 2`
	`Integer? 19`
	`Integer? 44`
	`Integer? 3`
	`Integer? 98375`
	`Integer? 746`
	`Integer? 37`
	`Integer? 123456789`
	`Integer? 4`
	`Integer? 2`
	`Integer? 0`
	`Average: 120.75`

result:	✅ pass

test #3:	`test3`

console output:	`Integer? 42`
	`Integer? 0`
	`Average: 42`

result:	✅ pass

Need help?

ℹ

Stuck on an exercise? Contact your TA or instructor.

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