CodeStepByStep

sebgascoin

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❓ evenSumMax ♡

Language/Type: C++ console I/O cumulative algorithms

Write a function named **evenSum** that prompts the user for many integers and print the total even sum and maximum of the even numbers. You may assume that the user types at least one non-negative even integer.

```
how many integers? 4
next integer? 2
next integer? 9
next integer? 18
next integer? 4
even sum = 24
even max = 18
```

.
.
.

```cpp
 1 int evenSum();
 2
 3 int evenSum(){
 4
 5 int integer = 0;
 6 int totalint = 0;
 7 int sum = 0;
 8 int max = -1;
 9
10    cout << "how many integers? ";
11    cin >> totalint;
12    for(int i=0;i<totalint;i++){
13        cout << "next integer? ";
14        cin >> integer;
15
16        if(integer%2 == 0){
17            sum += integer;
18            if(max <= integer){
19                max = integer;
20            }
21        }
22    }
```

```
23    cout << "even sum = " << sum << endl;
24    cout << "even max = " << max << endl;
25    return sum;
26 }
```

Function: Write a C++ function as described, not a complete program.

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✅ You passed 3 of 3 tests.   ✕

test #1:	4 (2, 9, 18, 4)
console output:	how many integers? 4 next integer? 2 next integer? 9 next integer? 18 next integer? 4 even sum = 24 even max = 18
result:	✅ pass

test #2:	7 (-2, 180, 30007, 5, 9000, 419, 9000)
console output:	how many integers? 7 next integer? -2 next integer? 180 next integer? 30007 next integer? 5 next integer? 9000 next integer? 419 next integer? 9000 even sum = 18178 even max = 9000
result:	✅ pass

test #3:	1 (42)
console output:	how many integers? 1 next integer? 42 even sum = 42 even max = 42
result:	✅ pass

Need help?

Stuck on an exercise? Contact your TA or instructor.

If something seems wrong with our site, please   contact us.