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Thread: [C++ Array Exercise](#)

1337ITWizKid - June 10, 2021, 6:12 pm

Sum Greater Than Five

Write a function that returns the sum of elements greater than 5, in the given array.

Examples

sumFive([1, 5, 20, 30, 4, 9, 18]) ? 77

sumFive([1, 2, 3, 4]) ? 0

sumFive([10, 12, 28, 47, 55, 100]) ? 252

Notes

Find all the elements greater than 5, not the elements greater than or equal to 5.

The above is the exercise. I don't know where I'm screwing up along the way. I thought I was expected to have a value which would be the sum of every value above 5 that my for loop counts through, with the max size of the array being 7? Trying with a `arr.sizeof()` as a condition within the for loop brings errors still.

My closest work:

```
int sumFive(std::vector<int> arr) {  
    int i;  
    int addIt;  
    for (int i = 0; i <=7 ; i++){  
        if (i >5){addIt = addIt + i;}  
    }  
    return addIt;  
}
```

here is the base setup for the work:

```
int sumFive(std::vector<int> arr) {}
```

Help would be appreciated! This problem shouldn't be too hard but I've been having problems with counting and grabbing values through/out of an array!

Djangoo - June 10, 2021, 7:24 pm

First of all I want to tell you that, you didn't assign any value to addit variable, so by default it has some garbage value. You need to assign it to 0 in this case. Second, why did you hardcode the condition $i \leq 7$ in for loop when you're passing an array? You should get the length of the array and loop through all the elements. Tell me if this helps.

1337ITWizKid - June 10, 2021, 9:14 pm

(Jun 10, 2021 07:33 PM)James Wrote: [\[CITE\]](#) this works fine for me - <http://cpp.sh/7bx2px>
thank you!

(Jun 10, 2021 07:24 PM)Djangoo Wrote: [\[CITE\]](#) First of all I want to tell you that, you didn't assign any value to addit variable, so by default it has some garbage value. You need to assign it to 0 in this case. Second, why did you hardcode the condition $i \leq 7$ in for loop when you're passing an array? You should get the length of the array and loop through all the elements. Tell me if this helps.
yes i didn't know that addit wouldve become some garbo value. thank you