

# Participant-7

## SUMMARY KEYWORDS

snippets, counter, string array, float, average, array, sum, characters, methods, algorithm, number, class, length, matter, returning, array dot length, counted, code, speak, integer array

## SPEAKERS

Participant, Observer

### Observer

I can see. You can just click on the link. Yeah, that's it.

### Participant

Okay. public class average number of characters .

### Observer

Could you please speak clearly?

### Participant

Can you hear me now?

### Observer

Yes. Please speak a bit clearly and loudly .

### Participant

Okay. Okay, I'm just reading the code

### Participant

And there are 4 numbers array average you are making a call and it is returning a float value. counter is initialized to 0, counter content is less than array dot length. Okay. Sum 0 plus array of counter is 0. Okay, 3 plus 4 plus 4, 11 plus 3, 14 counter will be one counter less than array length counter will be 4. And 14 divided by four 3.5.

### Observer

Could you please speak aloud?

### Participant

Yeah, okay. I'm just reading the question.

**Participant**

Public class average statics float average, okay 12345 and sending array average and here you are getting integer array counter zero some zero counter is less than array dot length 01234 sum equals to float average equals to sum will be one to be 1 2 3 , 6 6 12 and 15 average divided by three returning the float so three.

**Observer**

That's the end of the survey. Thank you for your participation. And now I have a couple of questions regarding snippets that I have presented to you. **what were you looking in the snippets when you saw the snippets?**

**Participant**

I just saw the code and how it's working. The process, working process basically. The control flow. Okay.

**Participant**

**So did the names of the methods or names of the class help you to guess what algorithm is going to be?**

**Participant**

The methods are specified that what operations it it's going to perform. Yeah. So it helped.

**Observer**

**Okay. So did you find any similarities between snippets?**

**Participant**

Yeah. like, first and fourth program are quite similar thing.

**Observer**

**Did your approach the two snippets in a different way? And did it matter to you whether it's an string array or an integer array?**

**Participant**

Yeah, in string array, you were counting the number of letters in the string. So it will be counted in the length function. How many characters are there in string? And I don't think it's required in the numbers. integers.

Episodes	Code
I'm just reading the question.Public class average statics float average, okay 12345 and sending array average.	Read
Here you are getting integer array counter zero some zero counter is less than array dot length.	Analyse
Float average equals to sum will be, one to be 1 2 3 , 6 6 12 and 15.	Evaluate
Average divided by 3 returning the float so 3	Conclude

Coding of sample set of episodes for Numbers algorithm

Episodes	Code
Public class average number of characters. I'm just reading the code.	Read
And there are 4 numbers array average you are making a call and it is returning a float value.	Analyse
Sum 0 plus array of counter is 0. Okay, 3 plus 4 plus 4, 11 plus 3, 14.	Evaluate
And 14 divided by 4, 3.5.	Conclude

Coding of sample set of episodes for Words algorithm