Participant-3

SUMMARY KEYWORDS

distance, array, integer, target, returning, snippets, string, function, index, output, closest, array index, declared, compares, method, static method, algorithms, assigning, matter, executing

SPEAKERS

Participant, Observer

Participant

And just going through the like where the function will start executing first. Class is declared and here is the main method.

Participant

here is one array declared

Participant

here we are having the function call it accept array search and search value and the function is it has one method or static method find closest with this input and target integer index zero. is taking the absolute of the current array minus the target value

Participant

as a distance and iterating through the array seeing the distance and again taking the absolute value on the first array minus target it is comparing with the initial value distance. Index i, index is referred to distance is assigned again to see distance if the condition matched ok and then we get returning the distance at the end. So here the input is 1 3 4 7 10 and search value is 11. First return here, minus 11

Participant

 that's done and here then we're going to loop for a here three minus 11 c distance is less than then again you're getting this one and again going through Yeah, so it will rendered three and 10 minus one will be against Yeah, so the output will be 10 because it will give you the lowest value to the c distance assigning again and again here distance so the output will be 10.

Observer

 could you please speak a bit louder?

Participant

Okay class declared it has one method or main and here is the class closest value it has one method find the closest. Method main it's calling returning the string array and one search value integer search value passing the string array and search value to the find closest array index is zero distance math

abs at a zero dot length minus target taking the length of the first string and minus a page in Ireland and returning through the full array. Then again continue the c distance math absolute.

Participant
Array dot length minus index and then here we are taking the first string and then from there we are doing the next string next string next string. if C distance is less than distance so here we're calculating the three eight so that we go here three minus eight which gives five. compares c distance assigning whichever the lowest value, so the output will be the fourth Johnny. Johnny Yeah, six, eight. So it will return the index of the array. So the output will be six. six is the closest value to eight. Yeah.

Observer
 Thank you for your time. And thank you for your participation. Yeah. I have couple of questions for you regarding the snippets that you have solved. Yeah, my first question is, **what were you looking for in the algorithms when you saw them?**

Participant
When I saw the algorithm I was looking like, where it will start executing and what it is actually doing.

Observer
Okay. **So did you feel like any of the snippets are similar?**

Participant
Yes, two programs are similar finding closest value.

Observer
Was your approach in solving these two similar algorithms different?

Participant
No, Because both are doing same thing. But yeah, here we are taking integer in the first snippet and here we are going through the string.

Observer
 While you were solving these snippets did it matter to you whether its an integer array or a sting array?

Participant
Oh, no, it doesn't matter. I was looking at function implementation rather than what was the input?

Episodes	Code
And just going through like where the function will start executing first. Class is declared and here is the main method.	Read
That's done and here then we're going to loop for a here three minus 11 c distance is less than then again you're getting this one and again going through.	Analyse
So it will rendered 3 and 10 minus 1	Evaluate
Yeah, so the output will be 10	Conclude

Coding of sample set of episodes for Numbers algorithm

Episodes	Code
Here is the class closest value it has one method find the closest	Read
Array dot length minus index and then here we are taking the first string and then from there we are doing the next string next string next string	Analyse
we're calculating the three eight so that we go here three minus minus eight which gives five	Evaluate
So it will return the index of the array. So the output will be six. six is the closest value to eight. Yeah.	Conclude

Coding of sample set of episodes for Words algorithm