

Participant-12

SUMMARY KEYWORDS

array, function, snippets, duplicate, algorithms, equal, result, abc, xyz, condition, returns, int, words, aluminous, increment, length, comma, implement, remove, ids

SPEAKERS

Participant, Observer

Observer

You can start yeah.

Participant

So, it is a remote duplicate words in the main function so, it's just taking array . So array

Participant

ok it contains array and new array, there is a function called remove duplicate words array is being passed okay. So, function is being called and here it is taking words in the form of array an array is being sorted array dot sort words okay. So, there is ABC ABC take index int length is 4 string of array result equal to new string okay length result is equal to array of string and it is length equal to new string of length. So result equal to result is string of array and it is being set to four ok, int i equal to zero and int less than four, four minus one okay, I is less than three. And so is not equal to it doesn't execute this condition and then take an increment then I becomes one less than three so ABC is not equal to PQR so result of 0 equal to ABC, j becomes one and I increment to two i is less than three. So, PQR is not equal to XYZ then result of one becomes words of I is pqr so pqr get assigned to second element of result and j becomes two and I implement So, I becomes three so it comes out of the loop. okay result of j is words length minus 1 so 0123 that is 4 minus one three. So, it is XYZ return results okay returns array so, here you get new array now the new array is abc pqr and xyz.

Participant

So here okay in the main function so sorry. Okay duplicate remote duplicate number function is being called and array is being passed and array get sorted. So, then array becomes 33799. So array length is five result equal to array of numbers result equal to to length five j equal to zero i equal to zero i less than length minus one that is five minus one four so here if array of zero is three. three is not equal to i plus one three equal to three. So it comes out of the if condition. control comes out of the if condition then i plus plus i is one i is less than four array of one is three is not equal to seven Yes. So, result of j, j is zero result of j becomes array of i array of i is three three result of zero is three and j becomes one j

increments to one and i increment to two and it is less than four So, I have two is seven is not equal to nine Yes. So, a result of one result of one becomes seven so, GE agreements took two and they implement two three which is less than four So, three okay. So, array of i is nine. , it is equal to nine. So, condition fails again i increments to four and it returns result is three comma seven comma nine.

Observer

Yeah, that is the end of the survey.

Observer

I have a couple of questions for you regarding the snippets that I have presented to you. So **what were you looking for in the snippets when you saw them for the first time?**

Participant

I was looking for, I was looking for loop and if conditions, also the type, the type of variables and the type of functions, what it returns.

Observer

Okay, **so did the names, names of the functions or names of the variables, or the name of the class? Whether these things help you to guess what the snippet is going to be?**

Participant

Yes. The name of the functions and they were meaningful, like, I was able to recognize or come to know, what algorithm does.

Observer

Did you find any similarities in any of the snippets?

Participant

Yes, the first one. Remove duplicate. First and the Last algorithms. They were almost similar. I mean, it was same. So I did not feel any different. So while analyzing or going through the logic,

Observer

So, you didn't approach the algorithms differently?

Participant

I did not approach the algorithm differently.

Episodes	Code
Okay duplicate remote duplicate number function is being called and array is being passed.	Read
So, then array becomes 33799. So array length is five result equal to array of numbers result equal to to length.	Analyse
i equal to 0 i less than length minus 1 that is 5 minus 1, 4 so here if array of 0 is 3. 3 is not equal to i plus one 3 equal to 3	Evaluate
So, condition fails again i increments to 4 and it returns result is 4, 7, 9.	Conclude

Coding of sample set of episodes for Numbers algorithm

Episodes	Code
It is a remote duplicate words in the main function, there is a function called remove duplicate words array is being passed okay.	Read
So, there is ABC, ABC take index int length is 4. string of array result equal to new string okay length result is equal to array of string.	Analyse
Ok, int i equal to zero and int less than 4, 4 minus one okay, i is less than 3. And so is not equal to it doesn't execute this condition and then take an increment.	Evaluate
So, here you get new array now the new array is abc pqr and xyz.	Conclude

Coding of sample set of episodes for Words algorithm