Logic building skills

weak.

Overall

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Questions asked (ordered)

1. print the sum of all the +ve integers from an array A= {12,34,-20,44,-10,56,-2,86,12}.
2. print the sum of only the first 3 positive no's from the array.

Comment on Student's response

could have been better.

Actionables for the student (Mention concrete steps)

Logic building skills

Negligible

Overall

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Questions asked (ordered)

2Sum Prolem
Linear Search
FInd sum of all elements of array

Comment on Student's response

Not good

Actionables for the student (Mention concrete steps)

No

Overall

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Questions asked (ordered)

1. Selection sort
2. Bubble sort
3. Remove duplicates from the array
4. Binary search

Comment on Student's response

The student said he cannot implement any sorting algorithm.
He was not able to solve the next two questions.

Actionables for the student (Mention concrete steps)

Logic building skills

Logically he is fine and improving gradually

Overall

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Questions asked (ordered)

Find my min missing positive integer
Binary search

Comment on Student's response

He can build logic but facing some implementation issue to convert that logic is not code

Actionables for the student (Mention concrete steps)

By Deependra Singh

Topics tested in the interview

Hashing , Arrays Sortings (sortings), Searching (searching)

Basic/Implementation knowledge (Topic wise)

Hashing -- lacks basic understanding
Arrays -- moderate basic understanding
Sorting -- lacks basic understanding
Searching -- moderate basic understanding

Logic building skills

Candidate needs to work on his logic building skills.

Overall

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Logic building skills

The candidate is not up to the mark in terms of basics as he is not able to suggest basic optimizations and workarounds.

Overall

1 2 3 4 5 6 7 8 9 10

Questions asked (ordered)

Find kth min element in the array
Find pairs with sum k in array

Comment on Student's response

Student was knowing the time complexity concepts but not able to work around different cases and provide optimized approach for the solution.

Logic building skills

Logic building skills were good.

Overall

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Questions asked (ordered)

1. Which is the best search algorithm
2. What is time complexity for best search algorithm
3. Write a program to perform binary search, merge sort and print an array
4. What is hashing
5. Write a program to reverse an array, and which time complexity you are going to use

Comment on Student's response

Student response was positive, he seems to have better

Logic building skills

He needs to work in this area he was not able to come up
with the solution for the given problem.

Overall

1 2 **3** 4 5 6 7 8 9 10

Questions asked (ordered)

Given a array find out the elements that are present more
than n/2 times the array (n being the length of the array)
🚫

Comment on Student's response

He was able to understand the question given to him.
He was not able to come up with the solution for a given
problem.
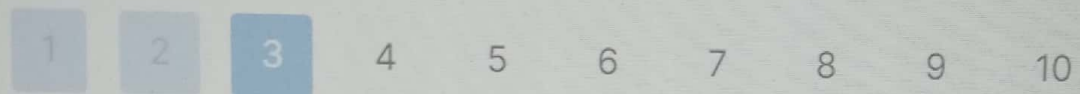He was not able to come up with even brute force approach.

Logic building skills

not evaluated here

Overall

1 2 **3** 4 5 6 7 8 9 10

Questions asked (ordered)

binary search,
sorting,
arrays.

🚫

Comment on Student's response

The student was able to implement binary search
The student was able to implement sorting - selection sort
and have basic idea about other algorithms