



JAVASCRIPT

INTERVIEW QUESTIONS



// Question No.35 "Create a chain of array methods to find the average of all positive numbers in an array of mixed integers and return the result rounded to two decimal places."

```
let mixedArray = [5, -2, 10, 8, -3, 7, -1, 4];
```

```
let averageOfPositiveNumbers = mixedArray
  .filter(num => num > 0) // Filter positive numbers
  .reduce((sum, num, index, array) => {
    sum += num;
    if (index === array.length - 1) {
      // Calculate average in the last iteration
      return sum / array.length;
    } else {
      return sum;
    }
  }, 0);
```

```
let roundedResult = averageOfPositiveNumbers.toFixed(2);
console.log(roundedResult);
```

// Output:
6.80





THANK YOU

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