



JAVASCRIPT

INTERVIEW QUESTIONS



// Question No.49 "Given an array of arrays containing numbers, use a combination of array methods to flatten the structure and then calculate the sum of all the numbers."

```
let arrayOfArrays = [[1, 2, 3], [4, 5], [6, 7, 8]];
let flattenedArray = arrayOfArrays.flat();
let sumOfNumbers = flattenedArray.reduce((sum, num) => sum + num, 0);

console.log('Original Array of Arrays:', arrayOfArrays);
console.log('Flattened Array:', flattenedArray);
console.log('Sum of Numbers:', sumOfNumbers);
```

// Output:

Original Array of Arrays: [[1, 2, 3], [4, 5], [6, 7, 8]]

Flattened Array: [

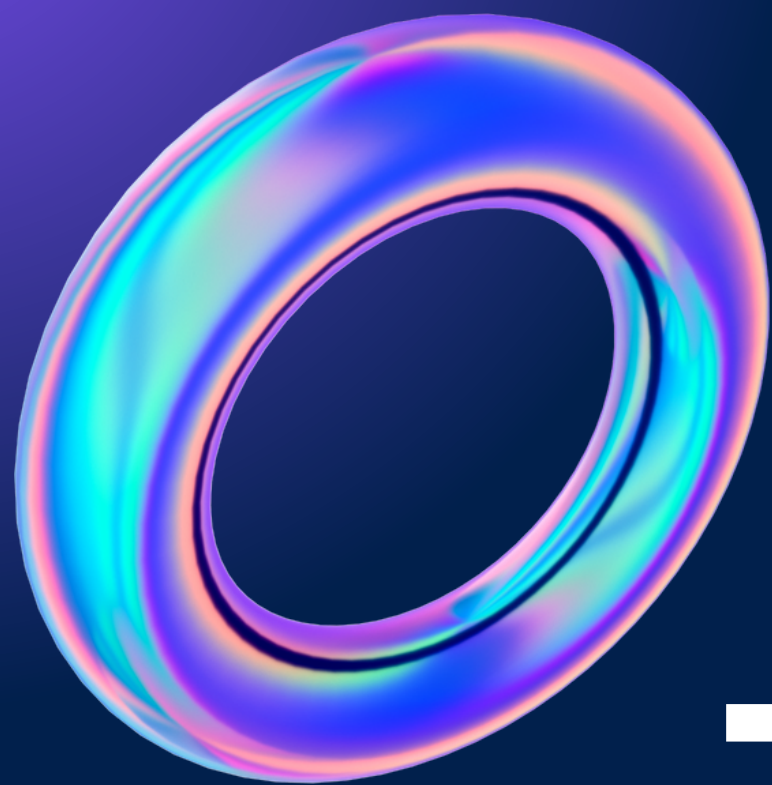
1, 2, 3, 4,

5, 6, 7, 8

]

Sum of Numbers: 36





THANK YOU

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