JS-2

Array Methods

Map

Filter
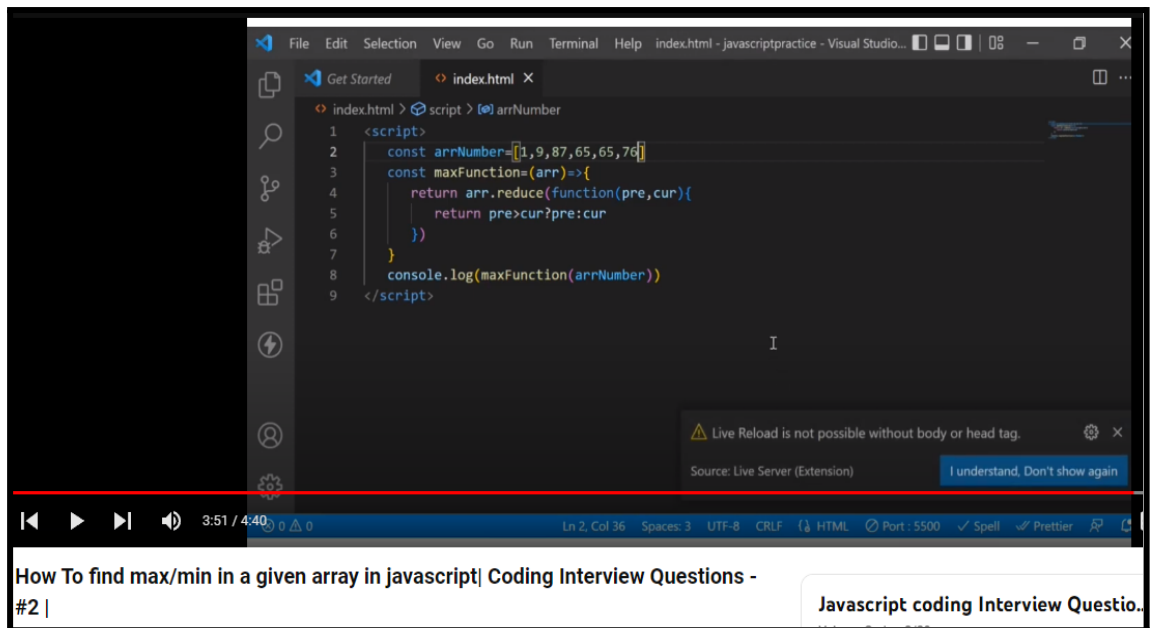
Reduce

Promises

- What is an array ? Give a brief overview ?
  - ➔ https://javascript.info/array-methods

- Array methods which has been mostly asked in the interview
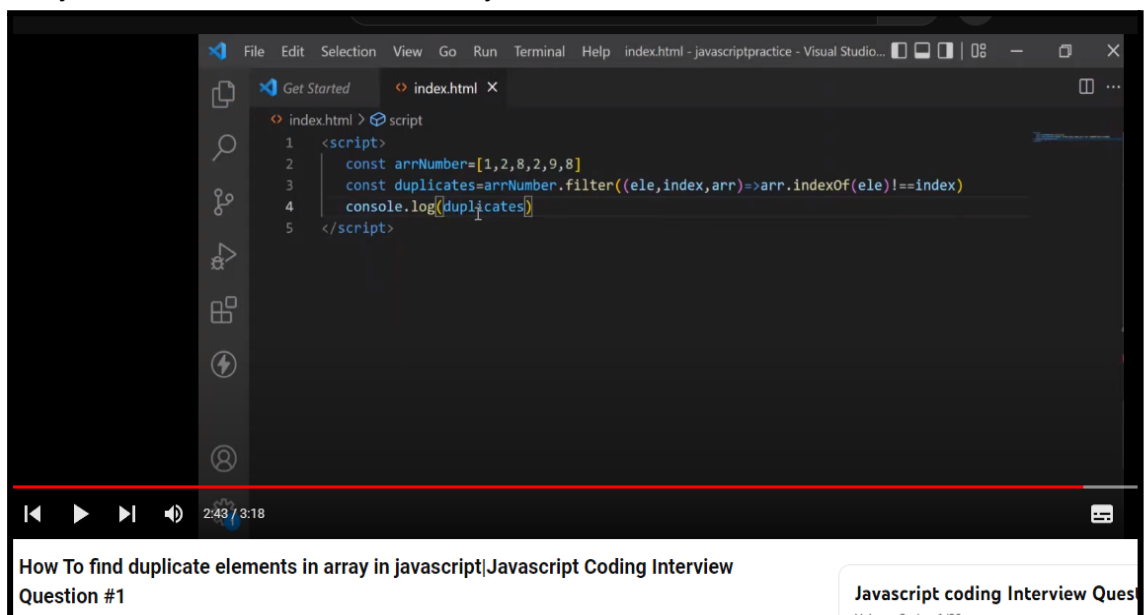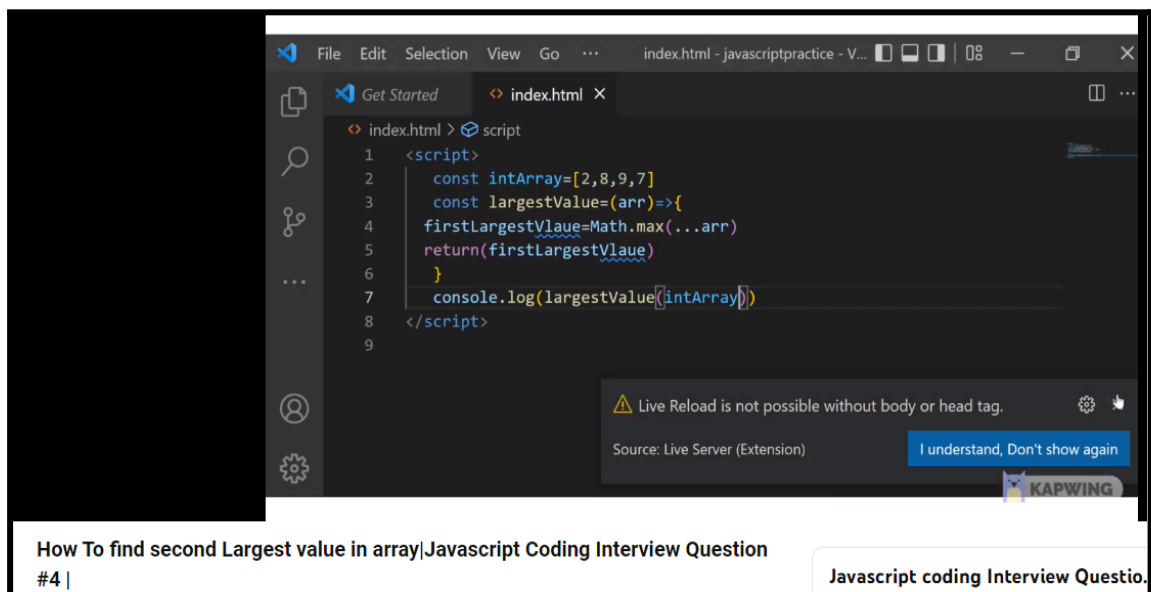
How To find duplicate elements in array in javascript|Javascript Coding Interview Question #1

```
<script>
    const arrNumber=[1,9,87,65,65,76]
    const maxFunction=(arr)=>{
        return arr.reduce(function(pre,cur){
            return pre>cur?pre:cur
        })
    }
    console.log(maxFunction(arrNumber))
</script>
```

⚠ Live Reload is not possible without body or head tag.
Source: Live Server (Extension)
I understand, Don't show again

3:51 / 4:40

How To find max/min in a given array in javascript| Coding Interview Questions -
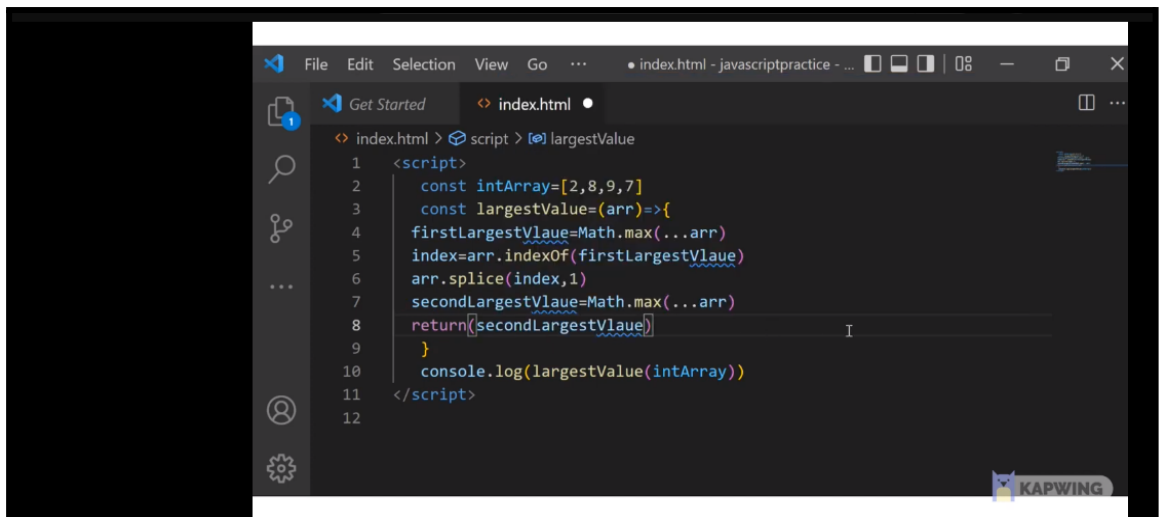#2 |

Javascript coding Interview Questio..


```
<script>
    const intArray=[2,8,9,7]
    const largestValue=(arr)=>{
  firstLargestVlaue=Math.max(...arr)
  return(firstLargestVlaue)
    }
    console.log(largestValue(intArray))
</script>
```

⚠ Live Reload is not possible without body or head tag.
Source: Live Server (Extension)
I understand, Don't show again

How To find second Largest value in array|Javascript Coding Interview Question
#4 |

Javascript coding Interview Questio.

```
<script>
  const intArray=[2,8,9,7]
  const largestValue=(arr)=>{
firstLargestVlaue=Math.max(...arr)
index=arr.indexOf(firstLargestVlaue)
arr.splice(index,1)
secondLargestVlaue=Math.max(...arr)
return(secondLargestVlaue)
  }
  console.log(largestValue(intArray))
</script>
```

How To find second Largest value in array|Javascript Coding Interview Question #4 |
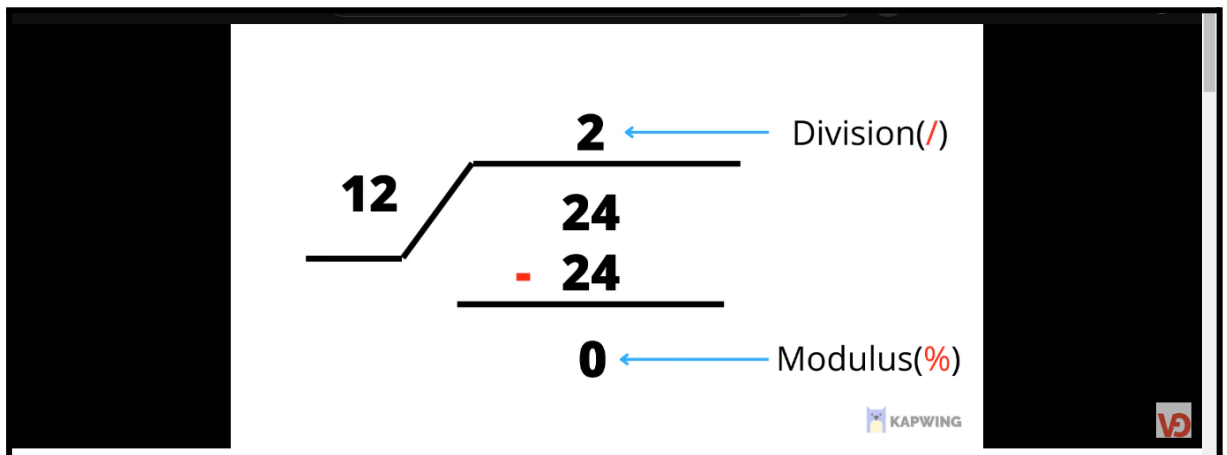
Javascript coding Interview Questio...

12 / 24   2 ← Division(/)

-24

0 ← Modulus(%)

how to find even or odd numbers in array in javascript| Coding Interview Questions #7

Javascript coding Interview Questio...


```
<script>
  const numbers=[1,2,3,8,9,12,16]
  const even=numbers.filter((item)=>{
  return item%2===0
})
  console.log('even ')
</script>
```

how to find even or odd numbers in array in javascript| Coding Interview Questions #7

Javascript coding Interview Questio..
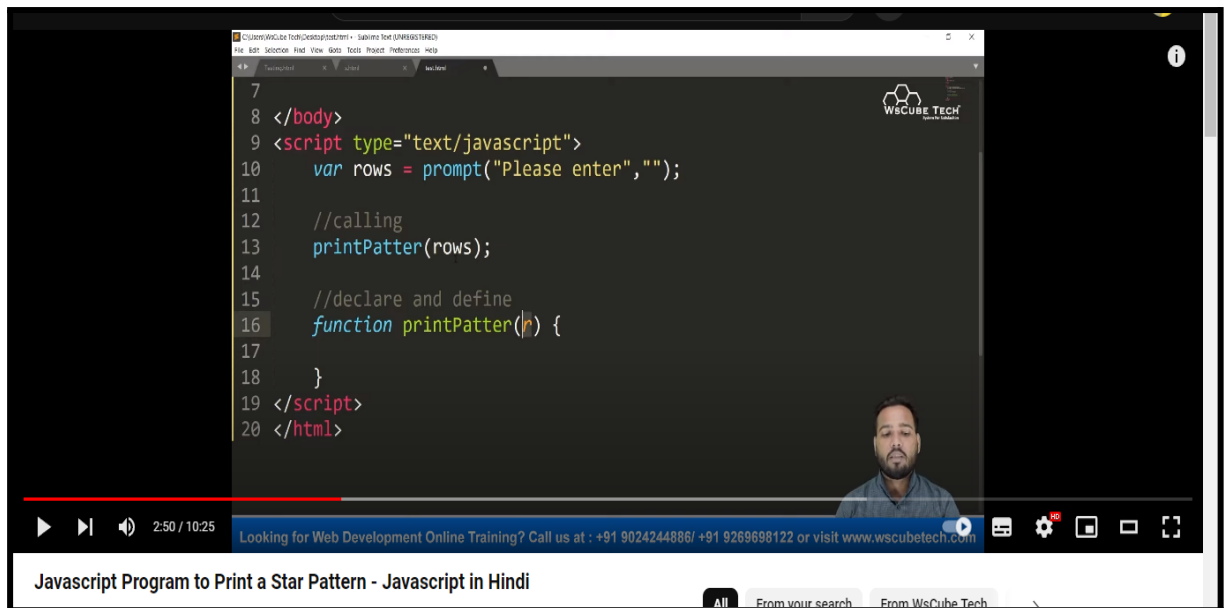
```
<script>
    const numbers=[1,2,3,8,9,12,16]
    const even=numbers.filter((item)=>{
     return item%2===0
    })
    const odd=numbers.filter((item)=>{
     return item%2==!0
    })
    console.log('even numbers',even)
    console.log('odd numbers',e)  I
</script>
```

how to find even or odd numbers in array in javascript| Coding Interview
Questions #7

```
<script>
    const arrNum=[1,9,6,4]
    const sumOfNumbers=(arr)=>{
return arr.reduce((pre,cur)=>{
    return pre+cur
})
    }  I
    1
</scr [e] length                    var length: number
    [=] let
    [e] localStorage
    [e] location
    [e] locationbar
    [] log                          Log to the console
    [e] Location
    [e] Lock
    [e] LockManager
    [] useLayoutEffectSnippet        useLayoutEffect
```

How to find the sum of all elements in array in Javascript|Coding Interview
Question #8 |

Javascript Program to Print a Star Pattern - Javascript in Hindi

- What is Map, Filter, Reduce in JS ?
  - ➔ https://www.freecodecamp.org/news/javascript-map-reduce-and-filter-explained-with-examples/
  - ➔ Everything accepts a callback function and 3 parameters which are (element, index, array)
- What is a Callback Function and Callback Hell ?
  - ➔ Kaafi saare callbacks ek sath define kar dena and code ko bina faltu lengthy bana dena
  - ➔ https://www.scaler.com/topics/callback-hell-in-javascript/
  - ➔ Isse bachne ke liye we are using promises.
  - ➔ https://www.geeksforgeeks.org/what-to-understand-callback-and-callback-hell-in-javascript/

- What are Promises ? Explain with async-await, try-catch and three states of them ?
  - ➔ https://www.simplilearn.com/tutorials/javascript-tutorial/javascript-promise

- Why are we using promises over a callback function ?
  - ➔ https://betterprogramming.pub/callbacks-vs-promises-in-javascript-1f074e93a3b5