

Q1. Given this array: `[3,62,234,7,23,74,23,76,92]`, Using arrow function, create an array of the numbers greater than `70`?

Ans:-

JavaScript	Console
<pre>let array = [3,62,234,7,23,74,23,76,92]; let arr = array.filter(val => val>70); for(i in arr){ console.log(arr[i]); }</pre>	234
	74
	76
	92
	>

Que 2:-

```
<ul>  
  <li data-time="5:17">Flexbox Video</li>  
  <li data-time="8:22">Flexbox Video</li>  
  <li data-time="3:34">Redux Video</li>  
  <li data-time="5:23">Flexbox Video</li>  
  <li data-time="7:12">Flexbox Video</li>  
  <li data-time="7:24">Redux Video</li>  
  <li data-time="6:46">Flexbox Video</li>  
  <li data-time="4:45">Flexbox Video</li>  
  <li data-time="4:40">Flexbox Video</li>  
  <li data-time="7:58">Redux Video</li>  
  <li data-time="11:51">Flexbox Video</li>  
  <li data-time="9:13">Flexbox Video</li>  
  <li data-time="5:50">Flexbox Video</li>  
  <li data-time="5:52">Redux Video</li>  
  <li data-time="5:49">Flexbox Video</li>  
  <li data-time="8:57">Flexbox Video</li>  
  <li data-time="11:29">Flexbox Video</li>  
  <li data-time="3:07">Flexbox Video</li>  
</ul>
```

```
<li data-time="5:59">Redux Video</li>
<li data-time="3:31">Flexbox Video</li>
</ul>
```

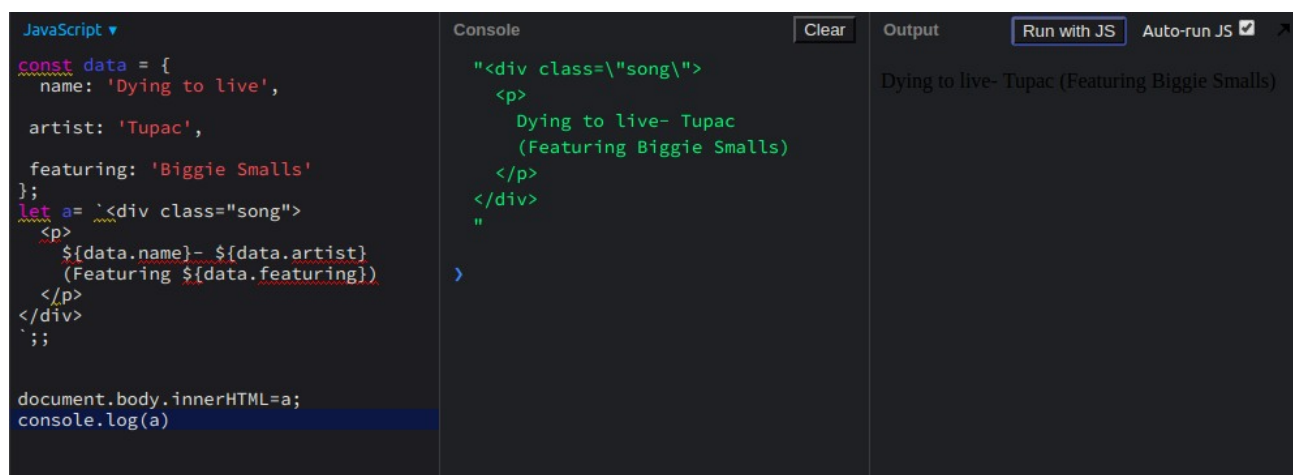
1. Select all the list items on the page and convert to array.
2. Filter for only the elements that contain the word 'flexbox'
3. map down to a list of time strings
4. map to an array of seconds
5. reduce to get total using .filter and .map

Sol :- <https://jsbin.com/woqayufehi/edit?html,js,console,output>

Que 3 :- Create a markup template using string literal

```
const song = {
  name: 'Dying to live',
  artist: 'Tupac',
  featuring: 'Biggie Smalls'
};
```

Ans:-



```
JavaScript
const data = {
  name: 'Dying to live',
  artist: 'Tupac',
  featuring: 'Biggie Smalls'
};
let a = `<div class="song">
  <p>
    ${data.name}- ${data.artist}
    (Featuring ${data.featuring})
  </p>
</div>
`;
document.body.innerHTML=a;
console.log(a)
```

Console

```
"<div class=\"song\">
  <p>
    Dying to live- Tupac
    (Featuring Biggie Smalls)
  </p>
</div>
"
```

Output

Run with JS Auto-run JS

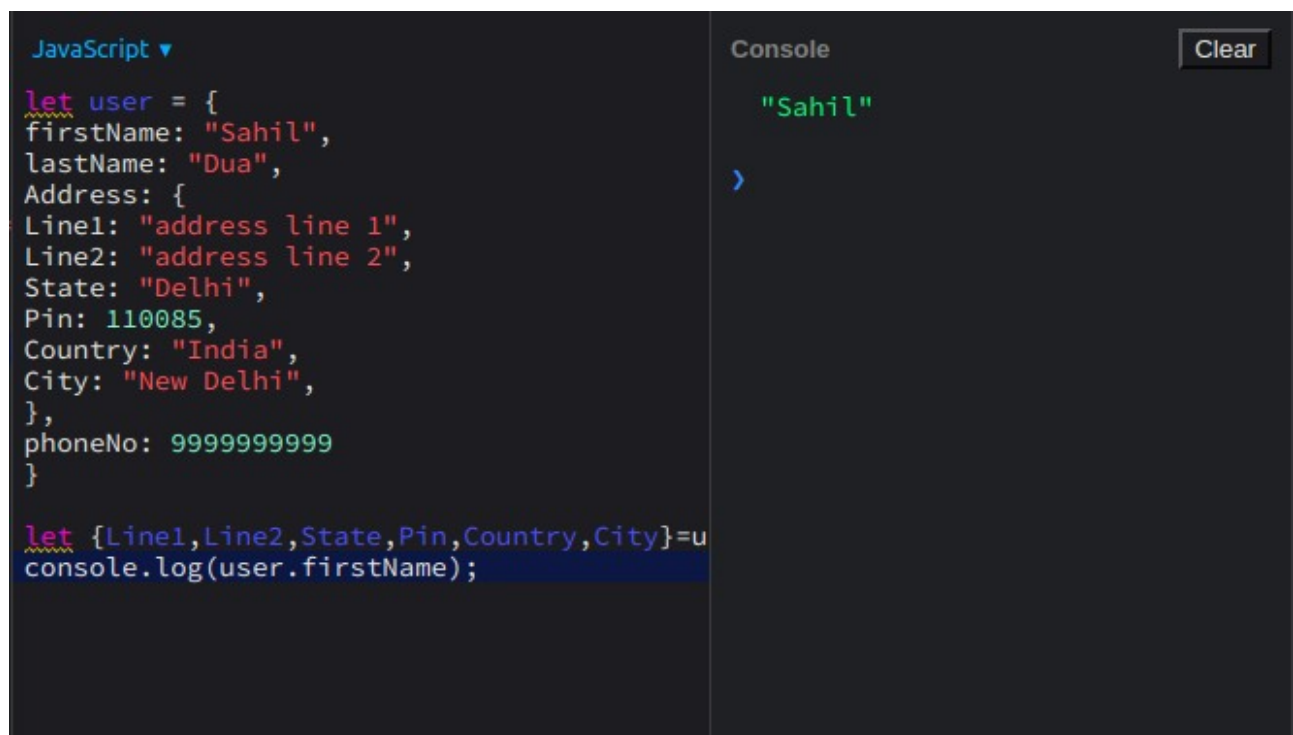
Dying to live- Tupac (Featuring Biggie Smalls)

Que 4:- Extract all keys inside address object from user object using destructuring ?

```
const user = {
  firstName: 'Sahil',
```

```
lastName: 'Dua',  
Address: {  
  Line1: 'address line 1',  
  Line2: 'address line 2',  
  State: 'Delhi',  
  Pin: 110085,  
  Country: 'India',  
  City: 'New Delhi',  
},  
phoneNo: 9999999999  
}
```

Solution :-



The screenshot shows a code editor with a dark theme. On the left, the 'JavaScript' tab is active, displaying a JavaScript object definition for a user. The code defines a 'user' object with properties for 'firstName', 'lastName', 'Address' (a nested object with 'Line1', 'Line2', 'State', 'Pin', 'Country', and 'City'), and 'phoneNo'. Below this, a destructuring assignment is shown: `let {Line1, Line2, State, Pin, Country, City} = user`. The final line of code is `console.log(user.firstName);`, which is highlighted with a blue selection bar. On the right, the 'Console' tab is active, showing the output of the log statement: `"Sahil"`. A 'Clear' button is visible in the top right corner of the console panel.

```
JavaScript ▼  
  
let user = {  
  firstName: "Sahil",  
  lastName: "Dua",  
  Address: {  
    Line1: "address line 1",  
    Line2: "address line 2",  
    State: "Delhi",  
    Pin: 110085,  
    Country: "India",  
    City: "New Delhi",  
  },  
  phoneNo: 9999999999  
}  
  
let {Line1, Line2, State, Pin, Country, City} = user  
console.log(user.firstName);  
  
Console Clear  
  
"Sahil"  
>
```