

LetsUpgrade JavaScript Essentials Assignment - 2

Question 1:

What is the value of `clothes[0]` and why?

```
const clothes = ['jacket', 't-shirt'];
```

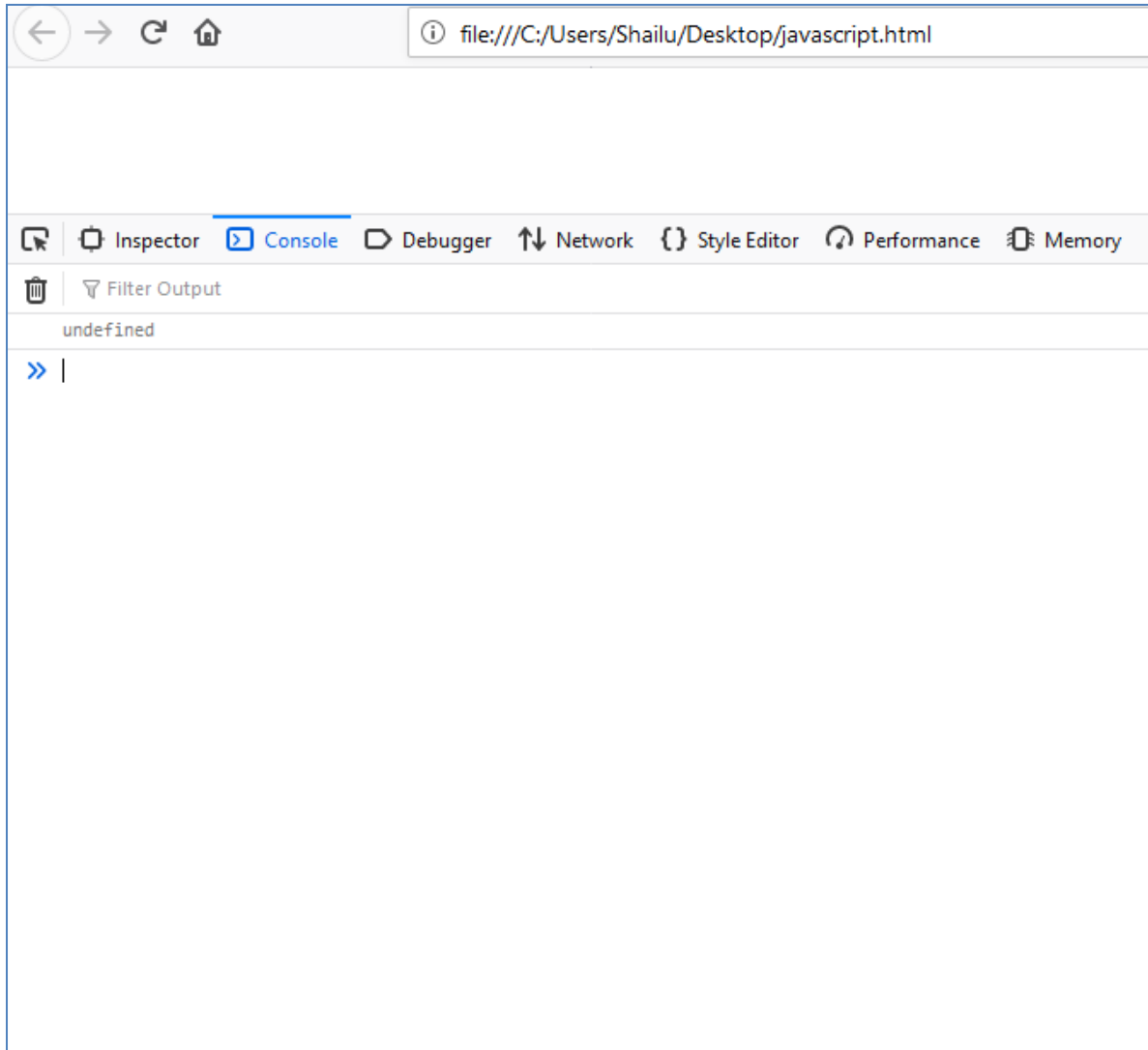
```
clothes.length = 0;
```

```
console.log(clothes[0]);
```

Answer:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title></title>
5  </head>
6  <body>
7
8
9  <script>
10
11  const clothes = ['jacket', 't-shirt'];
12  clothes.length = 0;
13  console.log(clothes[0]);
14
15  </script>
16  </body>
17  </html>
```

Reducing the value of the length property has the side-effect of deleting own array elements whose array index is between the old and new length values. Because of this length behavior, when JavaScript executes `clothes.length = 0`, all the items of the array `clothes` are deleted.

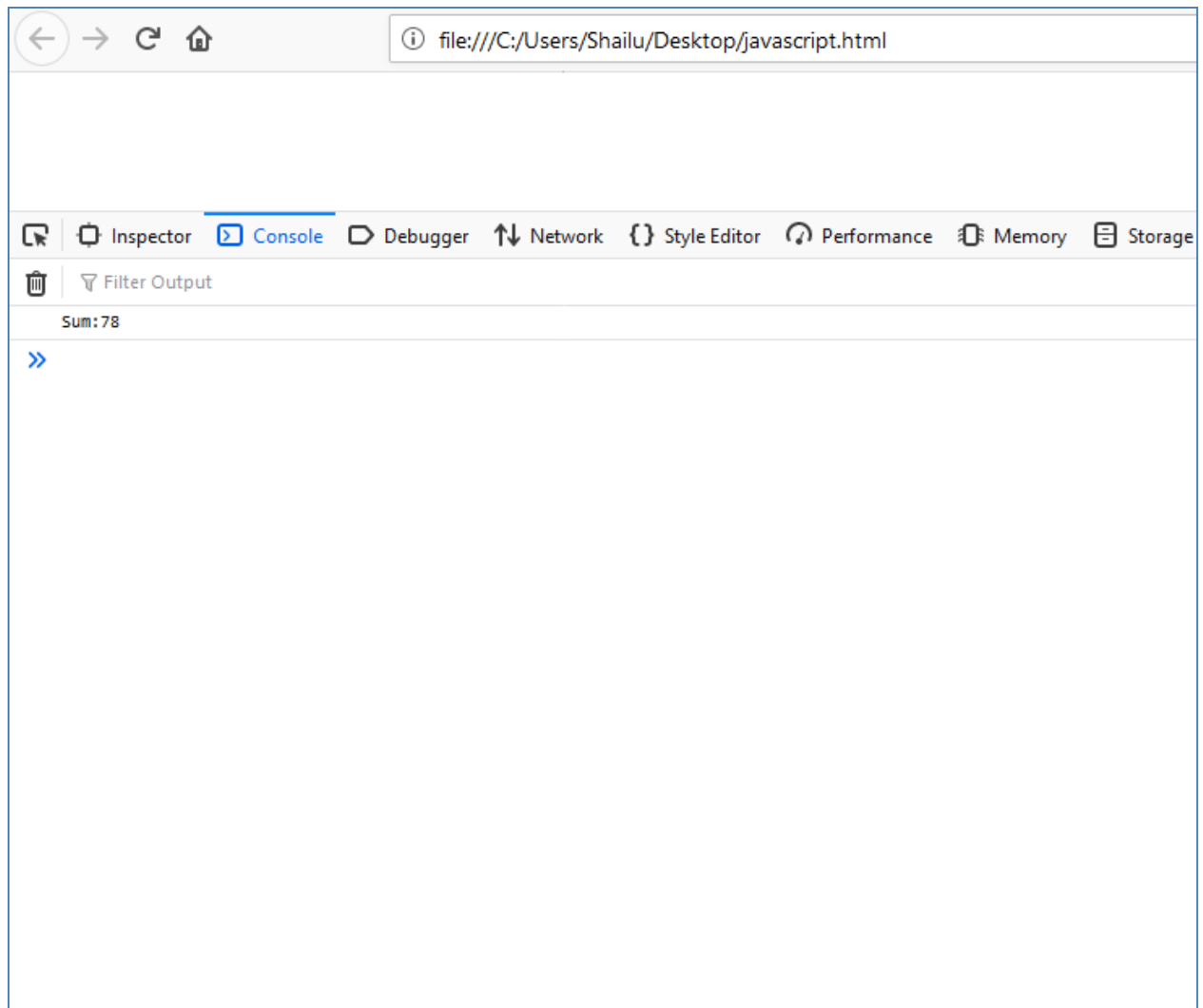


Question 2:

Write a Javascript program to find the sum of all elements of a given array?

Answer:

```
javascript.html x
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title></title>
5  </head>
6  <body>
7
8
9  <script>
10
11  var array = [7, 13, 9, 12, 21, 16], sum = 0, i;
12
13  for (i = 0; i < array.length; i++)
14  {
15      sum += array[i];
16  }
17
18  console.log('Sum: '+sum);
19  </script>
20  </body>
21  </html>
```



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