

## LetsUpgarde- javaScript - Batch 2 - Assignment2 (Day 3-4).

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### Question 1

Create a webpage containing an image and three buttons

- A. On click of the second button a change the existing image to a new image
- B. On click of the third button change it once again
- C. On click of first, the first image should come back

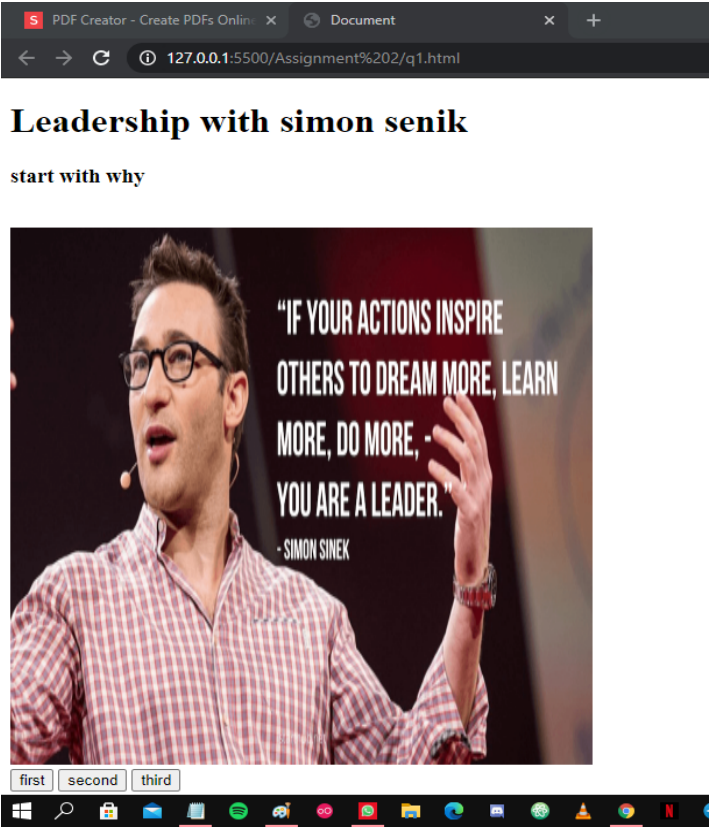
code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9
10  <h1>Leadership with simon senik</h1>
11  <h3>start with why</h3>
12  <script src="q1.js"></script>
13  <br/>
14  <img src='https://istarthub.net/wp-content/uploads/motivational-Simon-Sinek-quotes.png'
15        height="500px" width="500px" class="simon" />
16  <br/>
17  <button onclick="firstRes()">first</button>
18  <button onclick="secondRes()">second</button>
19  <button onclick="thirdRes()">third</button>
20 </body>
21 </html>
```

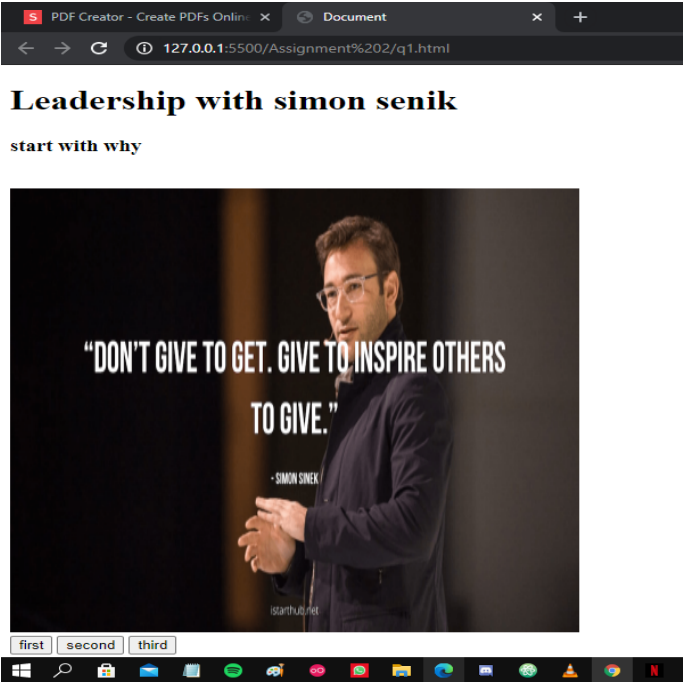
```
1 function firstRes()
2 {
3   const element=document.getElementsByClassName("simon");
4   element[0].src ='https://istarthub.net/wp-content/uploads/motivational-Simon-Sinek-quotes.png';
5 }
6
7 function secondRes() {
8   const element = document.getElementsByClassName("simon");
9   element[0].src = 'https://istarthub.net/wp-content/uploads/Simon-Sinek-quotes-on-change.png';
10 }
11 function thirdRes() {
12   const element = document.getElementsByClassName("simon");
13   element[0].src = 'https://istarthub.net/wp-content/uploads/Simon-Sinek-quotes-on-success-abd-leadership.png';
14 }
```

output:

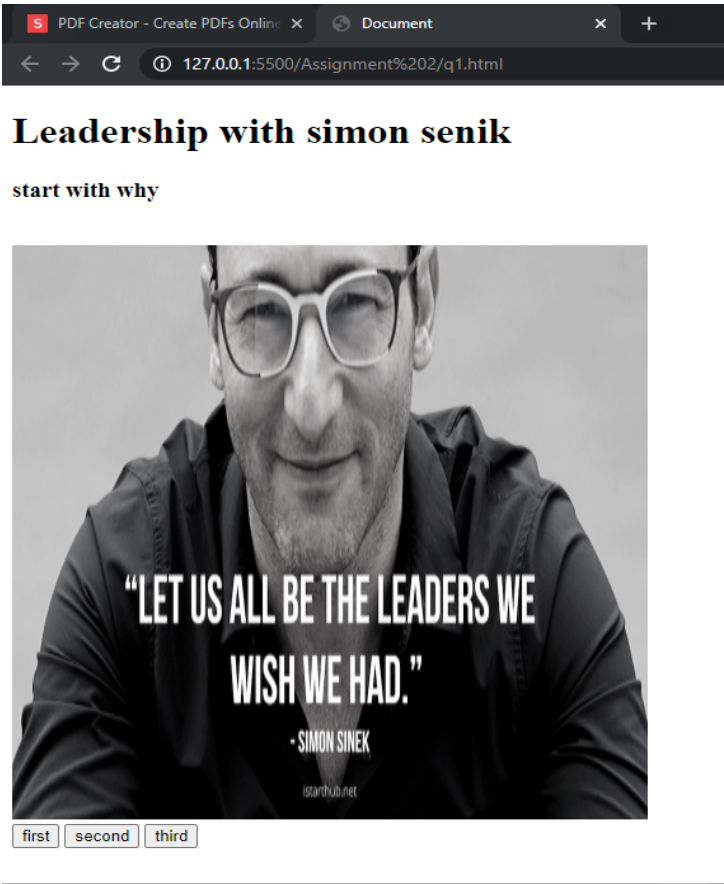
default image



on clicking button 2



on clicking button 3



onClikcing button 1



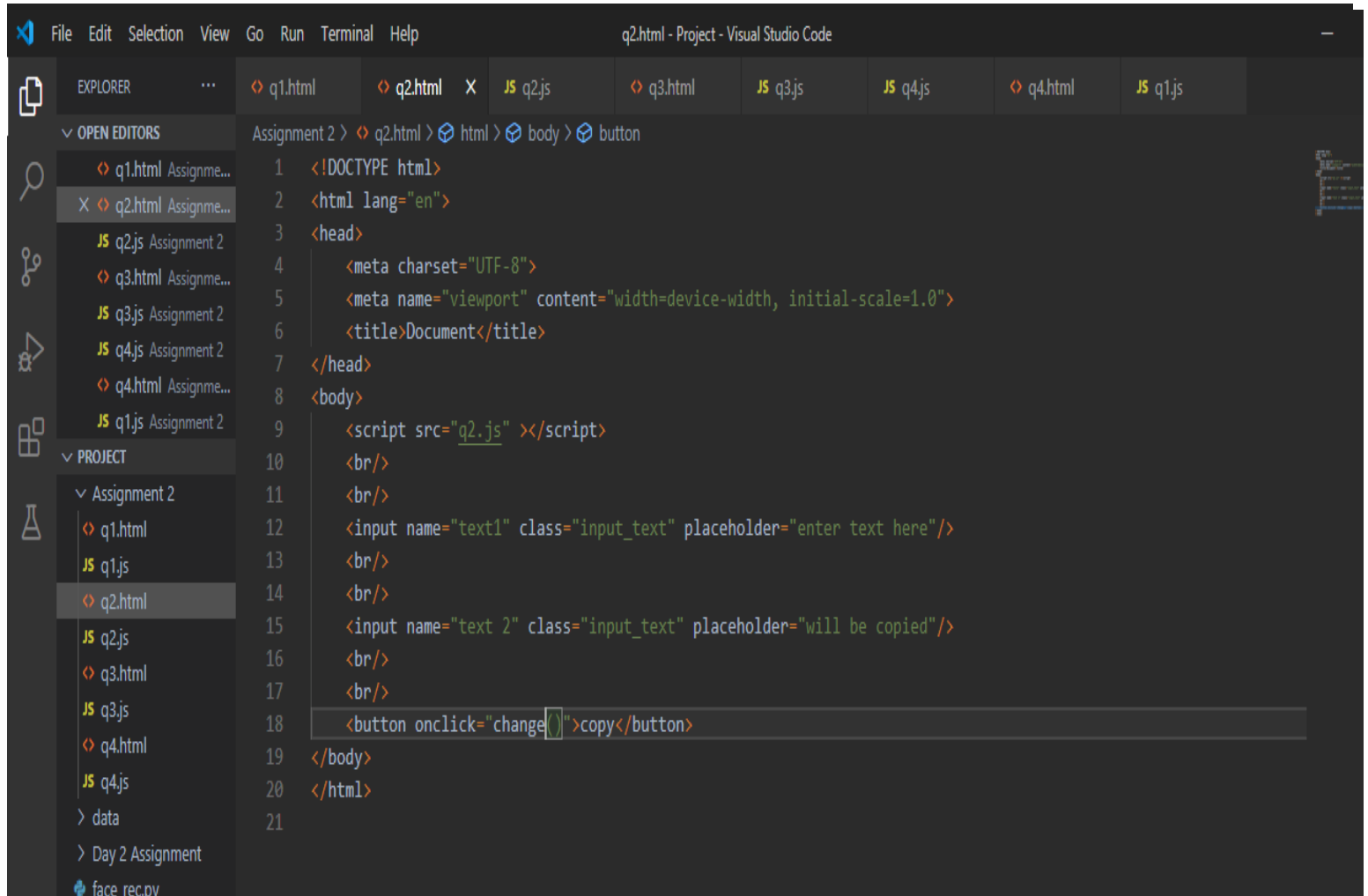
## Question 2

Create a webpage containing two input fields and a button.

A. Write something in the first input

B. On click of the button, the content of input one should be copied in the second input

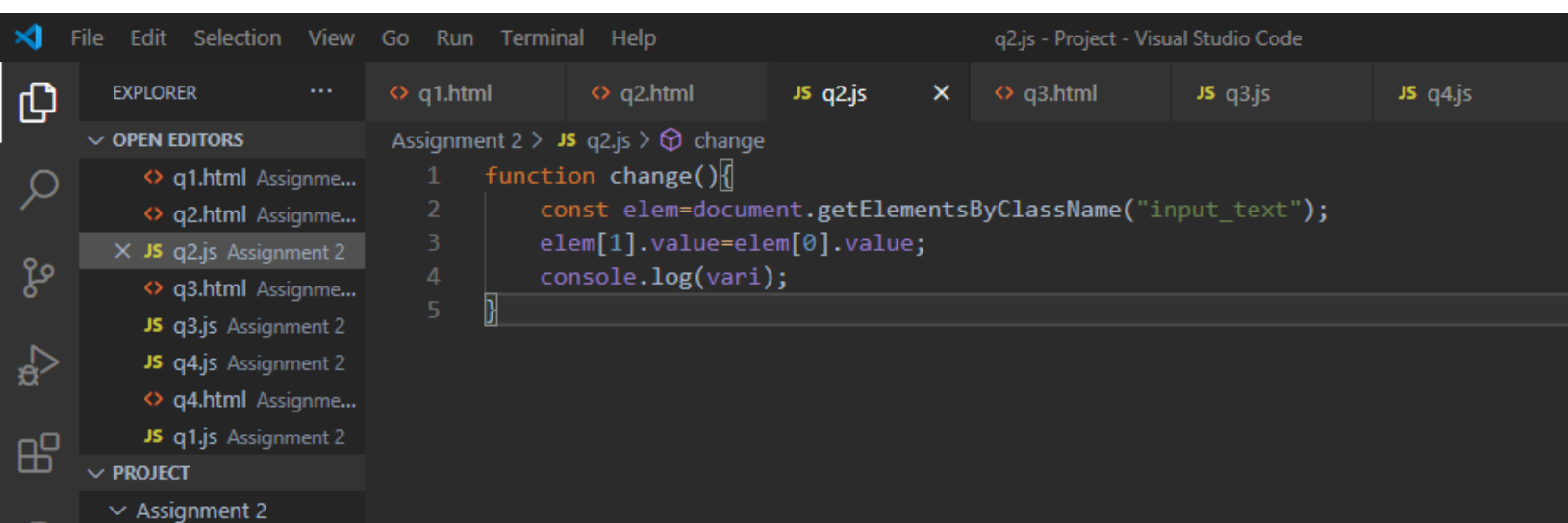
code :



```
File Edit Selection View Go Run Terminal Help
q2.html - Project - Visual Studio Code

EXPLORER
OPEN EDITORS
q1.html Assignment 2
q2.html Assignment 2
JS q2.js Assignment 2
q3.html Assignment 2
JS q3.js Assignment 2
JS q4.js Assignment 2
q4.html Assignment 2
JS q1.js Assignment 2
PROJECT
Assignment 2
q1.html
JS q1.js
q2.html
JS q2.js
q3.html
JS q3.js
q4.html
JS q4.js
data
Day 2 Assignment
face_rec.py

Assignment 2 > q2.html > html > body > button
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9   <script src="q2.js"></script>
10  <br/>
11  <br/>
12  <input name="text1" class="input_text" placeholder="enter text here"/>
13  <br/>
14  <br/>
15  <input name="text 2" class="input_text" placeholder="will be copied"/>
16  <br/>
17  <br/>
18  <button onclick="change()">copy</button>
19 </body>
20 </html>
21
```



```
File Edit Selection View Go Run Terminal Help
q2.js - Project - Visual Studio Code

EXPLORER
OPEN EDITORS
q1.html Assignment 2
q2.html Assignment 2
JS q2.js Assignment 2
q3.html Assignment 2
JS q3.js Assignment 2
JS q4.js Assignment 2
q4.html Assignment 2
JS q1.js Assignment 2
PROJECT
Assignment 2

Assignment 2 > JS q2.js > change
1 function change(){
2   const elem=document.getElementsByClassName("input_text");
3   elem[1].value=elem[0].value;
4   console.log(vari);
5 }
```

output:

WhatsApp Day 4 Assignment.pdf

127.0.0.1:5500/Assignment%202/q2.html

deadpool

will be copied

copy

after clicking on copy

WhatsApp Day 4 Assignment

127.0.0.1:5500/Assignment%202/q2.ht

deadpool

deadpool

copy

Question 3

Create an array of objects with objects having the following properties

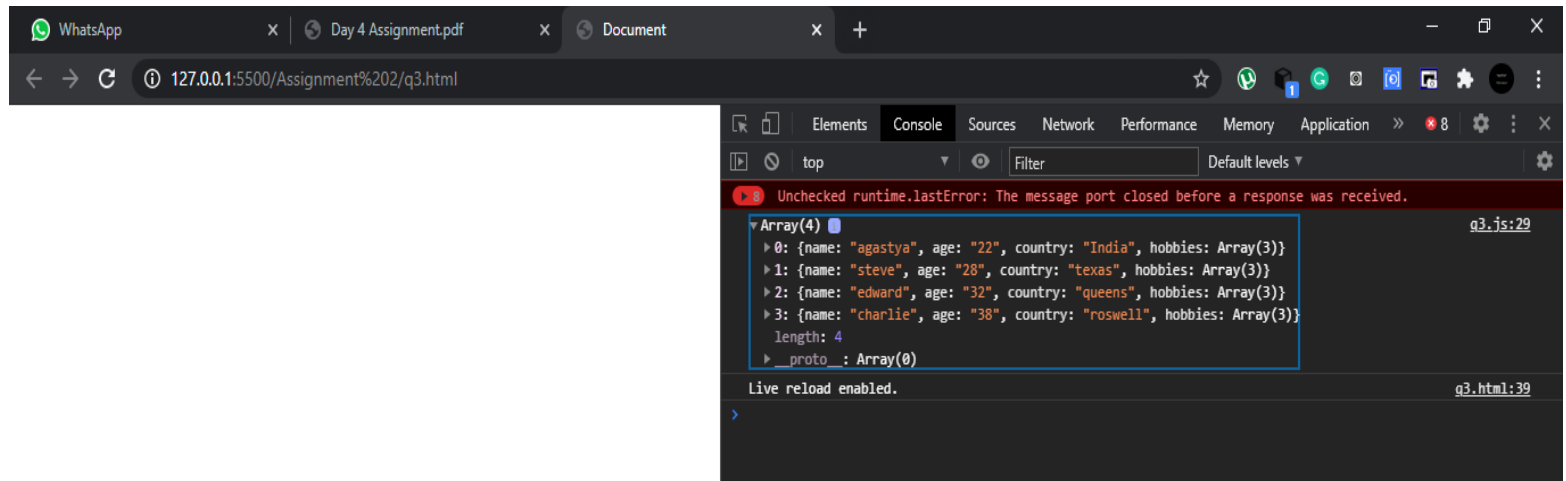
- A. {name (string), age (number), country (string), hobbies array (string [ ] ) }
- B. Write a function to display all the objects on the console

code:

```
File Edit Selection View Go Run Terminal Help
q3.html - Project - Visual Studio Code
EXPLORER
OPEN EDITORS
q1.html Assignment 2
q2.html Assignment 2
JS q2.js Assignment 2
q3.html Assignment 2
JS q3.js Assignment 2
JS q4.js Assignment 2
q4.html Assignment 2
JS q1.js Assignment 2
PROJECT
Assignment 2
q1.html
JS q1.js
q2.html
JS q2.js
q3.html
JS q3.js
q4.html
JS q4.js
q3.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Document</title>
7 </head>
8 <body>
9 <script src="q3.js"></script>
10
11 </body>
12 </html>
```

```
File Edit Selection View Go Run Terminal Help
q3.js - Project - Visual Studio Code
EXPLORER
OPEN EDITORS 1 UNSAVED
q1.html Assignment 2
q2.html Assignment 2
JS q2.js Assignment 2
q3.html Assignment 2
JS q3.js Assignment 2
JS q4.js Assignment 2
q4.html Assignment 2
JS q1.js Assignment 2
PROJECT
Assignment 2
q1.html
JS q1.js
q2.html
JS q2.js
q3.html
JS q3.js
q4.html
JS q4.js
data
Day 2 Assignment
face_rec.py
sample.py
OUTLINE
NPM SCRIPTS
MAVEN
q3.js
1 let criminals = [
2 {
3   name: "agastya",
4   age: "22",
5   country: "India",
6   hobbies: ['draw', 'dance', 'kill']
7 },
8 {
9   name: "steve",
10  age: "28",
11  country: "texas",
12  hobbies: ['kill', 'hack', 'fight']
13 },
14 {
15  name: "edward",
16  age: "32",
17  country: "queens",
18  hobbies: ['sing', 'kill', 'write']
19 },
20 ],
21
22 name: "charlie",
23 age: "38",
24 country: "roswell",
25 hobbies: ['kill', 'kill', 'write']
26
27 ];
28 function display(criminals){
29   console.log(criminals);
30 }
31
32 display(criminals);
33
```

output:

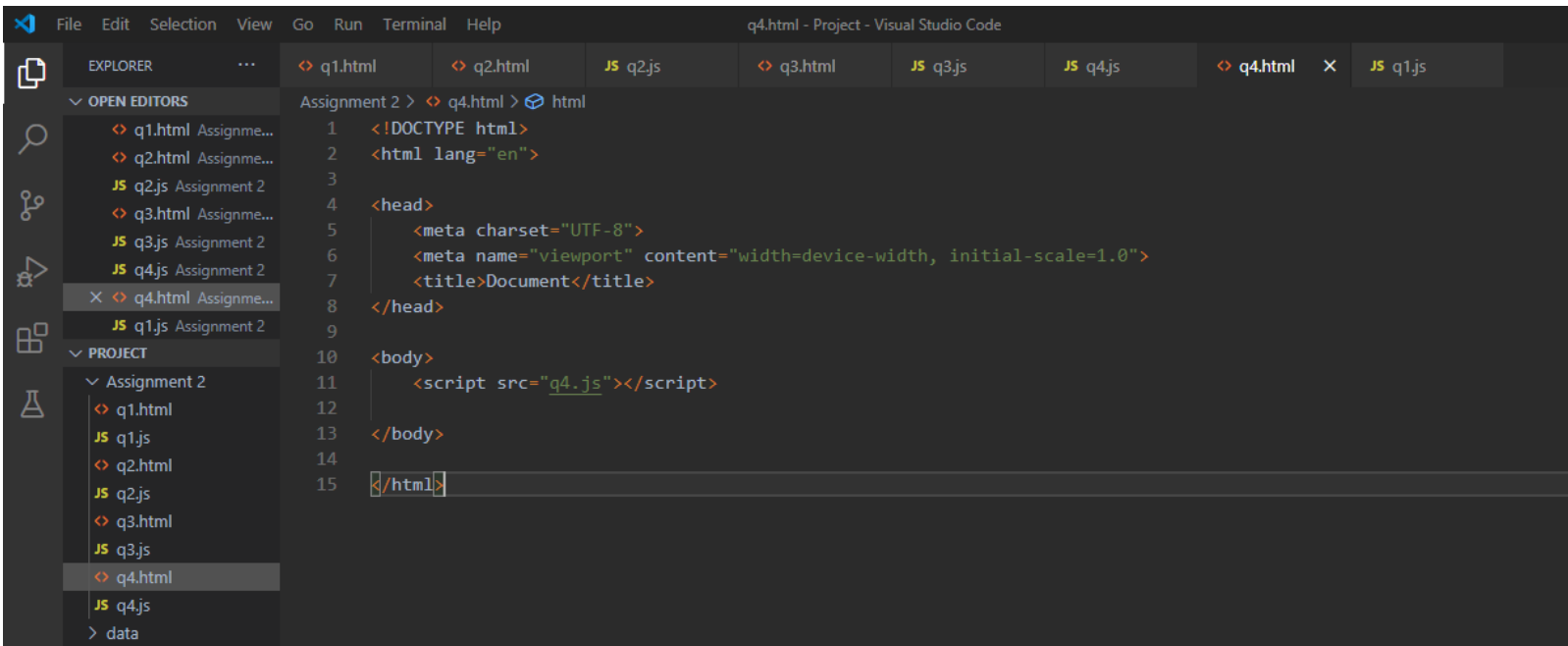


#### Question 4

Following the 3rd question

- A. Write a function to display all the objects having age less than 30
- B. Write a function to display all the objects having country India

code:



using same object array used in q3

File Edit Selection View Go Run Terminal Help

q4.js - Project - Visual Studio Code

EXPLORER ... q1.html q2.html JS q2.js q3.html JS q3.js JS q4.js X q4.html JS q1.js

OPEN EDITORS Assignment 2 > JS q4.js > displayCountry > criminals.forEach() callback

q1.html Assignment 2q2.html Assignment 2JS q2.js Assignment 2q3.html Assignment 2JS q3.js Assignment 2X JS q4.js Assignment 2q4.html Assignment 2JS q1.js Assignment 2

PROJECTAssignment 2q1.htmlJS q1.jsq2.htmlJS q2.jsq3.htmlJS q3.jsq4.htmlJS q4.js> data> Day 2 Assignmentface\_rec.pyexample.py

```
27  };
28
29  function displayAge(criminals) {
30      console.log("people with the age less than 30");
31
32      console.log("_____");
33      criminals.forEach(element => {
34          if(element.age<30)
35          {
36              console.log(element);
37          }
38      });
39  }
40
41  function displayCountry(criminals) {
42      console.log("people with country as India");
43
44      console.log("_____");
45      criminals.forEach(element => {
46          if (element.country == "India") {
47              console.log(element);
48          }
49      });
50  }
51  }
52  displayAge(criminals);
53  displayCountry(criminals);
54
55
```

output:

WhatsApp Day 4 Assignment.pdf Document +

127.0.0.1:5500/Assignment%202/q4.html

Elements Console Sources Network Performance Memory Application 8

top Filter Default levels 3 hidden

people with the age less than 30q4.js:30  
\_\_\_\_\_  
q4.js:32  
▶ {name: "agastya", age: "22", country: "India", hobbies: Array(3)}q4.js:36  
▶ {name: "steve", age: "28", country: "texas", hobbies: Array(3)}q4.js:36  
people with country as Indiaq4.js:42  
\_\_\_\_\_  
q4.js:44  
▶ {name: "agastya", age: "22", country: "India", hobbies: Array(3)}q4.js:47

Unchecked runtime.lastError: The message port closed before a response was received.

git link:

[https://github.com/Agastya8/LetsUpgrade\\_JavaScript.git](https://github.com/Agastya8/LetsUpgrade_JavaScript.git)

