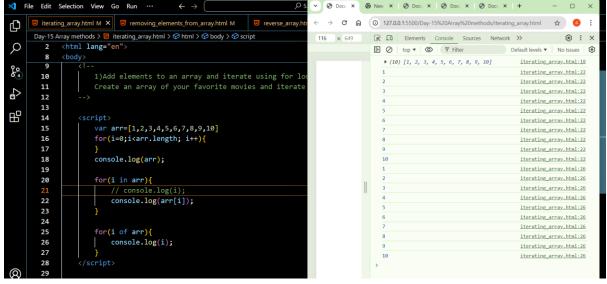
## TASKS:

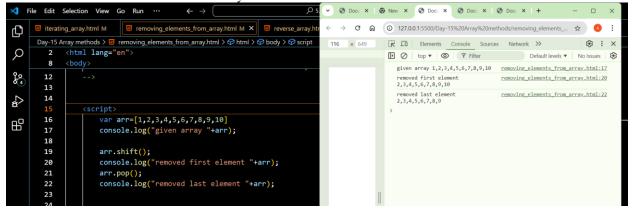
1)Add elements to an array and iterate using for loop and for in loop and for of loop

Create an array of your favorite movies and iterate an array to the console.



2)Remove elements from an array

Remove the first and last elements from the array.



3)Reverse an array using for loop

Hints: use push method

```
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    iterating_array.html M
    □ removing_elements_from_array.html M
    Day-15 Array methods > □ reverse_array.html > �� html > �� body

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                                                                                      → C 🙃 © 127.0.0.1:5500/Day-15%20Array%20methods/reverse_array.html 🛣 🚨 🚼
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                                                                                                                                                   <html lang="en">
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              <head>
                                                                                                     ▶ (5) ['git', 'react', 'js', 'css', 'html'] reverse_array.html:21
                   <meta name="viewport" content="width=device-width, init</pre>
00
         6
                 <title>Document</title>
              </head>
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品
                      3)Reverse an array using for loop
        12
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                      var arr=['html','css','js','react','git']
var rev=[]
        16
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        18
                       for(i=arr.length-1;i>=0;i--){
        19
                          rev.push(arr[i]);
        20
        21
                       console.log(rev);
```

4) find the even and odd numbers in an array [12,3,5,6,22,56,29]

and print the even numbers array and the sum of add and odd numbers array and the sum of even

```
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      Ð
     Day-15 Array methods > 5 even_odd_in_array.html > ♦ html > ♦ body > ♦ script
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             <html lang="en"
                                                                                      Default levels ▼ No Issues 🕏
                                                                                       12 is even number
                                                                                                      even odd in array.html:20
even odd in array.html:20
even odd in array.html:20
004
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                <script>
   var esum=0;
                                                                                       6 is even number
                   var osum=0;
                                                                                       56 is even number even_odd_in_array.html:20
96 is the total count of even numbers even_odd_in_array.html:24
3 is odd number
$
                    for(i=0;i<a.length;i++){</pre>
                       if(a[i]%2==0){
                                                                                                     even_odd_in_array.html:29
品
       20
21
                           console.log(a[i]+ " is even number");
                                                                                                       even_odd_in_array.html:29
                                                                                       5 is odd number
                           esum=esum+a[i];
                                                                                                                      even_odd_in_array.html:29
       22
                                                                                       37 is the total count of odd numbers
                                                                                                                      even_odd_in_array.html:33
       23
       24
25
                    console.log(esum+" is the total count of even number
       26
27
                    for(i=0;i<a.length;i++){
                       if(a[i]%2!=0){
    console.log(a[i]+ " is odd number");
       28
29
       30
                           osum=osum+a[i];
       32
                    console.log(osum +" is the total count of odd numb
       33
```

5) Take a heterogeneous array and separate each data type into new array

hints: use loop, typeof and push method

```
inp: let arr = ["apple", "banana", "mango", "banana", 3, 4, 5, 6, true, {name: "object"}];
```

out:

num=[3,4,5,6]

str=["apple","banana","mango","banana"]

bool=[true]

obj=[{name: "object"}]

```
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                                                                                                                                          → C 🙃 ① 127.0.0.1:5500/Day-15%20Array%20methods/heterogeneous_arra... ☆ 🔝 :
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                                                                                                                                     200
                                                                                                                                                                   ▼ (4) [3, 4, 5, 6] €

Θ: 3

1: 4

2: 5

3: 6
$
BB
                                 d=[];
=0;i<arr.length;i++){
f(typeof arr[i] =='numl
    num.push(arr[i]);</pre>
                                                                                                                                                                       ▶ [[Prototype]]: Array(0)
                                                                                                                                                                   ▼ (4) ['apple', 'banana', 'mango', 'banana']  

1: "apple"

1: "banana"

2: "mango'

3: "banana"
                                  ise if(typeof arr[i] =='string'){
  str.push(arr[i]);
                                                                                                                                                                     length: 4

▶ [[Prototype]]: Array(0)
                                   e if(typeof arr[i] =='boolean'){
bool.push(arr[i]);
                                                                                                                                                                    ▼ [true] [i
    0: true
    length: 1
    ▶ [[Prototype]]: Array(θ)
                                                                                                                                                                                                                           heterogeneous_array.html:46
                                 lse if(typeof arr[i] =='object'){
  obj.push(arr[i]);
                                                                                                                                                                     ▼ [{...}] ( 

► 0: {name: 'object'} 

length: 1 

► [[Prototype]]: Array(0)
                                                                                                                                                                                                                           heterogeneous_array.html:47
                                                                                                                                                                    ▼[] (
length: 0
▶ [[Prototype]]: Array(0)
                                                                                                                                                                                                                           heterogeneous_array.html:48
```