

palindrome.html

JS forlop.js U X

JS remove.js U

JS rev-array.js U

JS even-oddsum.js U

JS arr.js

day16 &gt; JS forlop.js &gt; ...

```
1 // task1: add elements in array itertae using for loop and for in loop
2 const movieNames = [
3   "Inception",
4   "The Shawshank Redemption",
5   "Pulp Fiction",
6   "The Godfather",
7   "The Dark Knight",
8   "Forrest Gump",
9   "The Matrix",
10  "Fight Club",
11  "The Lord of the Rings: The Return of the King",
12  "Interstellar",
13  "Gladiator",
14  "Titanic",
15  "The Silence of the Lambs",
16  "The Social Network",
17  "Avatar",
18 ];
19 for (i = 0; i < movieNames.length; i++) {
20   console.log(movieNames[i]);
21   if (movieNames[i] == "Interstellar") {
22     console.log(movieNames[i], "excellent movie");
23   }
24 }
25 console.log("for in loop-----");
26
27 for (j in movieNames){
28   console.log(movieNames[j]);
29   if (movieNames[j] == "Avatar") {
30     console.log(movieNames[j], "excellent movie");
31   }
32 }
33 }
```

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PROBLEMS

OUTPUT

DEBUG CONSOLE

PORTS

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day16\forlop.js"

Inception

The Shawshank Redemption

Pulp Fiction

The Godfather

The Dark Knight

Forrest Gump

The Matrix

Fight Club

The Lord of the Rings: The Return of the King

unuchpad 0 0 0 0 0 Connect



Search



day16 &gt; JS remove.js &gt; ...

```
1 // remove first and last element from an array
2 const movieNames = [
3     "Inception",
4     "The Shawshank Redemption",
5     "Pulp Fiction",
6     "The Godfather",
7     "The Dark Knight"
8 ];
9 // removing first element from an array
10 first=movieNames.shift()
11 console.log(movieNames);
12 // removeing the last element from an array
13 last=movieNames.pop()
14 console.log(movieNames);
15
```

SQL CONSOLE GITLENS PROBLEMS OUTPUT DEBUG CONSOLE PORTS

```
[
  'Pulp Fiction',
  'The Godfather',
  'The Dark Knight'
]
[ 'The Shawshank Redemption', 'Pulp Fiction', 'The Godfather' ]
```

[Done] exited with code=0 in 0.11 seconds



palindrome.html

JS forlop.js U

JS remove.js U

JS rev-array.js

day16 &gt; JS rev-array.js &gt; ...

```
1 // reverse array using push method
2 const movieNames = [
3     "Inception",
4     "The Shawshank Redemption",
5     "Pulp Fiction",
6     "The Godfather",
7     "The Dark Knight"
8 ];
9 rev=[]
10 for(i=movieNames.length-1;i>=0;i--){
11     rev.push(movieNames[i])
12 }
13 }
14 console.log(rev);
15
```

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PROBLEMS

OUTPUT

DEBUG CONSOLE

PORTS

```
[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\js
[
  'The Dark Knight',
  'The Godfather',
  'Pulp Fiction',
  'The Shawshank Redemption',
  'Inception'
]
```

```
[Done] exited with code=0 in 0.142 seconds
```

Launchpad 0 0 0 0 Connect



Search



day16 &gt; JS even-oddsum.js &gt; ...

```
1 // find even and odd in a array and find evensum and oddsum
2 let arr=[524,16543,6,4,4,34,654,32,5]
3 even=0
4 odd=0
5 for ( i of arr){
6     if (i % 2==0){
7         even+=i
8     }
9     else{
10        odd+=i
11    }
12 }
13 console.log(even,"is even sum")
14 console.log(odd,"is the odd sum");
15
16
```

SQL CONSOLE GITLENS PROBLEMS OUTPUT DEBUG CONSOLE PORTS

[Done] exited with code=0 in 0.142 seconds

```
[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsscass
1258 is even sum
16548 is the odd sum
```

[Done] exited with code=0 in 0.108 seconds



day16 > JS arr.js > ...

```

10 let arr = ["apple", "banana", "mango", "banana", 3, 4, 5, 6, true, {name: "object"}, [1,2,3]];
11 str=[]
12 num=[]
13 bool=[]
14 obj=[]
15 arr2=[]
16 for(i of arr){
17     if(i===String(i)){
18         str.push(i)
19     }
20     else if(i===Number(i)){
21         num.push(i)
22     }
23     else if(i===Boolean(i)){
24         bool.push(i)
25     }
26     }
27     else if(i===Object(i)){
28         if(Array.isArray(i)){
29             arr2.push(i)
30         }
31         else{
32             obj.push(i["name"])
33         }
34     }
35 }
36 }
37 console.log(str);
38 console.log(num);
39 console.log(bool);
40 console.log(obj);
41 console.log(arr2);
42

```

SQL CONSOLE GITLENS PROBLEMS OUTPUT DEBUG CONSOLE PORTS

```

[Running] node "c:\Users\allem\OneDrive\Desktop\frontend10k\jsclasses\day16\arr.js"
[ 'apple', 'banana', 'mango', 'banana' ]
[ 3, 4, 5, 6 ]
[ true ]
[ 'object' ]
[ [ 1, 2, 3 ] ]

[Done] exited with code=0 in 0.16 seconds

```

