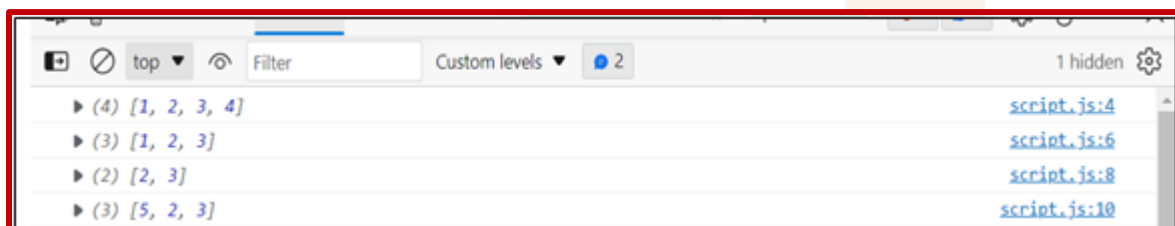


Day 21 Task

Array Methods

1. Apply the push, pop, shift and unshift methods on the given array where let arr = [1,2,3];.

The expected output is shown below.



2. Apply map, push, foreach methods to get the following output using the given data.

```
let arr2 = [  
  
  {  
  
    name: 'Rahul', empId: 3567,  
  
    mailId: 'mailme@gmail.com', Address: {  
  
      'City Name': 'Vijayawada',  
  
  
      District: 'Krishna district', pin: 526894,
```

```
},
```

```
Hobbies: ['Netflix', 'Tennis', 'Coding'],
```

```
},
```

```
{
```

```
name: 'Ravi', empId: 9867,
```

```
mailId: 'ravimail@gmail.com', Address: {
```

```
'City Name': 'Guntur', District: 'Prakasham district',
```

```
Pin: 685479,
```

```
},
```

```
Hobbies: ['Reading', 'Swimming', 'Baking'],
```

```
},
```

```
{
```

```
name: 'Santosh', empId: 8876,
```

```
mailId: 'santoshmail@gmail.com', Address: {
```

```
'City Name': 'Warangal', District: 'Hanamkonda district',  
Pin: 996587,
```

```
},
```

```
Hobbies: ['Gym', 'Reading Novels'],
```

```
},
```

```
{
```

```
name: 'Surya', empId: 3469,
```

```
mailId: 'suryamail@gmail.com', Address: {
```

```
City: 'Nazamabad',
```

```
District: 'Nazamabad district', Pin: 648597,
```

```
},
```

```
Hobbies: ['Badminton', 'E-Sports', 'Netflix'],
```

```
},
```

```
{
```

```
name: 'Kiran', empId: 8864,
```

```
mailId: 'kirammail@gmail.com',
```

```
Address: {
```

```
city: 'Karimnagar',
```

```
district: 'Karimnagar district', pin: 666954,
```

```
},
```

```
Hobbies: ['Badminton', 'E-Sports', 'Netflix'],
```

```
},  
  
{  
  
  name: 'Kiran', empId: 8864,  
  mailId: 'kirammail@gmail.com',  
  
  Address: {  
  
    city: 'Karimnagar',  
  
    district: 'Karimnagar district', pin: 666954,  
  },  
  Hobbies: ['Gaming', 'Cooking', 'Music'],  
},  
];
```

The expected output is shown below.



| | | | | |
|---|--------|---------------|---|------------------------------|
| top | Filter | Custom levels | 2 | 1 hidden |
| ▶ (4) [1, 2, 3, 4] | | | | script.js:4 |
| ▶ (3) [1, 2, 3] | | | | script.js:6 |
| ▶ (2) [2, 3] | | | | script.js:8 |
| ▶ (3) [5, 2, 3] | | | | script.js:10 |
| Rahul | | | | script.js:71 |
| ▶ (3) ['Vijayawada', 'Krishna district', 526894] | | | | script.js:76 |
| Netflix | | | | script.js:78 |
| Tennis | | | | script.js:78 |
| Coding | | | | script.js:78 |
| Ravi | | | | script.js:71 |
| ▶ (3) ['Guntur', 'Prakasham district', 685479] | | | | script.js:76 |
| Reading | | | | script.js:78 |
| Swimming | | | | script.js:78 |
| Baking | | | | script.js:78 |
| Santosh | | | | script.js:71 |
| ▶ (3) ['Warangal', 'Hanamkonda district', 996587] | | | | script.js:76 |
| Gym | | | | script.js:78 |
| Reading Novels | | | | script.js:78 |
| Surya | | | | script.js:71 |
| ▶ (3) ['Nazamabad', 'Nazamabad district', 648597] | | | | script.js:76 |
| Badminton | | | | script.js:78 |
| E-Sports | | | | script.js:78 |
| Netflix | | | | script.js:78 |
| Kiran | | | | script.js:71 |
| ▶ (3) ['Karimnagar', 'Karimnagar district', 666954] | | | | script.js:76 |
| Gaming | | | | script.js:78 |
| Cooking | | | | script.js:78 |
| Music | | | | script.js:78 |