

Day 8

Name : DHANAPAL

Date : 05/08/2024

JavaScript

1. Append an Object to a Const Array

```
const myArray = [1, 2, 3];  
const newObject = {name: 'dhanapal', age: 20};  
  
myArray.push(newObject);  
  
console.log(myArray);
```

Output:

```
[ 1, 2, 3, { name: 'dhanapal', age: 20 } ]
```

2. Insert, Remove Element at the End of Array and Add Element at the Front

Insert an element at the end of an array:

```
let arr = [1, 2, 3];  
arr.push(4);  
console.log(arr);
```

Output:

```
[ 1, 2, 3, 4 ]
```

Remove an element from the end of an array:

```
let arr = [1, 2, 3, 4, 5];  
arr.pop();  
console.log(arr);
```

Output:

```
[ 1, 2, 3, 4 ]
```

Add an element at the front of an array:

```
let arr = [1, 2, 3, 4, 5];  
arr.unshift(0);  
console.log(arr);
```

Output:

```
[ 0, 1, 2, 3, 4, 5 ]
```

3. Reverse a String

```
let str = "dhanapal";  
let reversedStr = str.split('').reverse().join('');  
console.log(reversedStr);
```

Output:

```
lapanahd
```

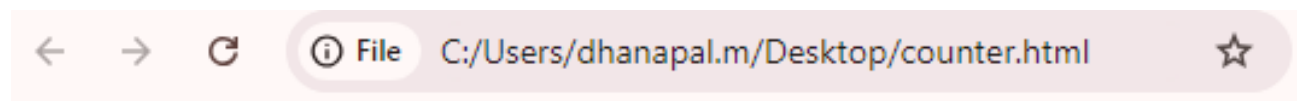
4. Display Updated Date with Interval of 2 ms in HTML Page

```
<!DOCTYPE html>
<html lang="en" >
<head>
  <title>Update Date</title>
</head>
<body>
  <div id="date"></div>

  <script>
    function updateDate() {
      const dateElement = document.getElementById('date');
      const currentDate = new Date();
      dateElement.innerHTML = currentDate;
    }

    setInterval(updateDate, 2);
  </script>
</body>
</html>
```

Output:



Mon Aug 05 2024 20:44:04 GMT+0530 (India Standard Time)