



Homework # 6

**01286233 Web Programming
Software Engineering Program
Faculty of Engineering, KMITL**

By

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<	1/2024						>
Mon	Tue	Wed	Thu	Fri	Sat	Sun	
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8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30	31					

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19	20	21	22	23	24	25	
26	27	28	29				

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25	26	27	28	29	30	31	

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22	23	24	25	26	27	28	
29	30						

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20	21	22	23	24	25	26	
27	28	29	30	31			

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24	25	26	27	28	29	30	

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15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30	31					

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19	20	21	22	23	24	25	
26	27	28	29	30	31		

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16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30							

<	10/2024						>
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21	22	23	24	25	26	27	
28	29	30	31				

<	11/2024						>
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16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31						

HW6_66011123_Parin.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <script src="HW6_66011123_Parin.js"></script>

</head>

<body>

  <table border="1" style="text-align: center;">

    <thead>

      <tr>

        <th><button onclick="decrease()"></button></th>

        <th colspan="5" id="month">1/2024</th>

        <th><button onclick="add()"></button></th>

      </tr>

      <tr>

        <th>Mon</th>

        <th>Tue</th>

        <th>Wed</th>

        <th>Thu</th>

        <th>Fri</th>

        <th>Sat</th>

        <th>Sun</th>

      </tr>

    </thead>

    <tbody id="body">
```

```
        </tbody>
    </table>

    <h1 id="fd"></h1>
</body>
<script>
    cal();
</script>
</html>
```

HW6_66011123_Parin.js

```
let month = 1;

function cal(num) {
    let count = 1;

    if (num == null){
        num = 0;
    }

    let dayInMonth = new Date(2024, num + 1, 0).getDate();
    let firstDay = new Date(2024, num, 1).getDay();
    if (firstDay === 0){
        firstDay = 7;
    }

    const body = document.getElementById('body');
```

```
body.innerHTML = "";
```

```
for (let w = 0; w < 6; w++) {
```

```
    const row = document.createElement('tr');
```

```
    for (let d = 0; d < 7; d++) {
```

```
        const cell = document.createElement('td');
```

```
        if (w === 0 && d < (firstDay-1)) {
```

```
            cell.innerHTML = "";
```

```
        } else if (count > dayInMonth) {
```

```
            cell.innerHTML = "";
```

```
        } else {
```

```
            cell.innerHTML = count;
```

```
            if (d === 6) {
```

```
                cell.style.color = 'red';
```

```
            }
```

```
            count++;
```

```
        }
```

```
        row.appendChild(cell);
```

```
    }
```

```
body.appendChild(row);
```

```
if (count > dayInMonth) {
```

```
    break;
```

```
}
```

```
}
```

```
}
```

```
function add(){  
    if(month < 12){  
        month++;  
        document.getElementById("month").innerHTML = month + "/2024"  
        clearTable();  
        cal(month-1);  
    }  
}
```

```
}
```

```
function decrease(){  
    if(month > 1){  
        month--;  
        document.getElementById("month").innerHTML = month + "/2024"  
        clearTable();  
        cal(month-1);  
    }  
}
```

```
}
```

```
function clearTable() {  
    const body = document.getElementById('body');  
    body.innerHTML = "";  
}
```