

# Javascript Play

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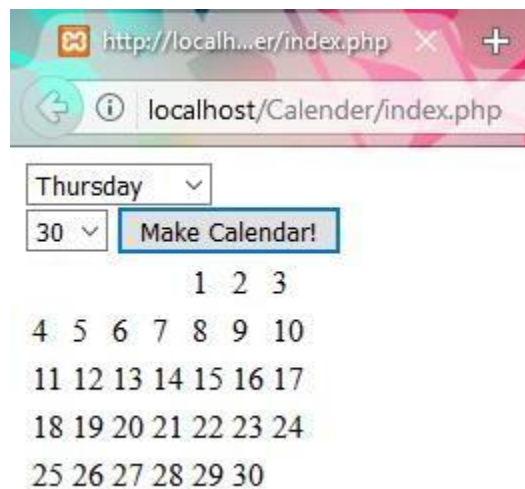
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## Introduction:

Play with JavaScript as described in class on March 3. Submit a paper describing your experience.

## Body:

For this assignment I decided I would take my calendar project and improve it. To do this I placed the month within a table and used innerHTML instead of document.write(). I also used a variable to store the lines of table I wanted to add to the innerHTML before writing to it as it did not work in the expected way otherwise. I also had to change the button from a submit type to a button type so to not refresh the page with every click.



## Conclusion:

This taught me how to use getElementById and innerHTML better. In addition to this I learned that tables cannot be placed in paragraphs but can be placed into divs. Also that when using innerHTML it tries to auto complete so for making a table and wanting the rows to not auto complete I had to use a variable to store the html until the html was ready to be written.

## Code: index.php:

```
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    <form>
```

```

<select id="date">
    <option value=1>Monday</option>
    <option value=2>Tuesday</option>
    <option value=3>Wednesday</option>
    <option value=4>Thursday</option>
    <option value=5>Friday</option>
    <option value=6>Saturday</option>
    <option value=0>Sunday</option>
</select>
    <br>
<select id="days">
    <option value=28>28</option>
    <option value=29>29</option>
    <option value=30>30</option>
    <option value=31>31</option>
</select>
<input type="button" value="Make Calendar!"
onclick="calender();">
<div id="cal"></div>
</form>

```

### JavaScript:

```

<script>
function calender() {
    var html="<table><tr>";
    var e = document.getElementById("date");
    var dateresult = e.options[e.selectedIndex].value;
    var x = document.getElementById("days");
    var daysresult = x.options[x.selectedIndex].value;
    for(var a=0; a<dateresult; a++){
        html+="<td></td>";
    }
    for (var z = 1; z <= daysresult; z++) {
        html+="<td>"+z+"</td>";
        if ((z*1+dateresult*1)%7===0)
            html+="</tr><tr>";
    }
    html+="</tr></table>";
    document.getElementById("cal").innerHTML=html;
}

```

```
</script>  
</body>  
</html>
```