

Experiment-7

Aim: Generate the calendar using JavaScript code by getting the year from the user.

Code:

```
<html>

<head>

<title>calender</title>


<script type="text/javascript">
function calender()
{
    var year=document.getElementById('year').value;
    var mont = new Array();
    mont[0] = "JANUARY";
    mont[1] = "FEBRUARY";
    mont[2] = "MARCH";
    mont[3] = "APRIL";
    mont[4] = "MAY";
    mont[5] = "JUNE";
    mont[6] = "JULY";
    mont[7] = "AUGUST";
    mont[8] = "SEPTEMBER";
    mont[9] = "OCTOBER";
    mont[10] = "NOVEMBER";
    mont[11] = "DECEMBER";
    document.write("<h1>Calender - year "+year+ " </h1>");
    document.write("<table border='1'><tr>");
    for(month=0;month<12;month++)
    {
        dt=new Date(year, month, 01);
```

```
var first_day=dt.getDay();
```

```
dt.setMonth(month+1,0);
```

```
var last_date=dt.getDate();
```

```
var dte=1;
```

```
if(month == 4 || month == 8)
```

```
{
```

```
    document.write("</tr><tr>");
```

```
}
```

```
document.write("<td>");
```

```
document.write("<center><b>" +mont[dt.getMonth()]+ "</b></center>");
```

```
document.write("<table><tr><td>Sun</td><td>mon</td><td>tue</td><td>wed</td><td>thu</td><td>fri</td><td>sat</td></tr>");
```

```
for(i=0;i<=41;i++)
```

```
{
```

```
    if((i%7)==0) //if week is over then start a new line
```

```
{
```

```
    document.write("</tr><tr>");
```

```
}
```

```
if((i>= first_day) && (dte<= last_date))
```

```
{
```

```
    document.write("<td>" + dte + "</td>");
```

```
    dte=dte+1;
```

```
}else
```

```
{
    document.write("<td>*</td>");
} //blank date
} //end of for loop
document.write("</tr></table>");
document.write("</td>")
}document.write("</tr></table>");

}
</script>

</head>
<body>
<p><input type="text" id="year" placeholder="enter year YYYY"/></p>
<p><input type="button" value="Calender" onclick="calender()"/>

</body>
</html>
```

Output:

Syllabus.pdf x first.html x string and math object in java... x Experiment7.pdf x calender x + - □ ×

← → ↻ File | C:/Users/LENOVO/Downloads/calender.html

2022

Calender

Windows taskbar with search bar, task view, and various application icons. System tray shows 86% battery, network, and time 11:16 PM 3/23/2021.

Syllabus.pdf x first.html x string and math object in java... x Experiment7.pdf x calender.html x + - □ ×

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Calender - year 2022

JANUARY Sun mon tue wed thu fri sat * * * * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 * * * * *	FEBRUARY Sun mon tue wed thu fri sat * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 * * * * * * * * * * * * *	MARCH Sun mon tue wed thu fri sat * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 * * * * * * * * * *	APRIL Sun mon tue wed thu fri sat * * * * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 * * * * * * * *
MAY Sun mon tue wed thu fri sat 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 * * * * * * * * * * * *	JUNE Sun mon tue wed thu fri sat * * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 * * * * * * * * * *	JULY Sun mon tue wed thu fri sat * * * * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 * * * * * * *	AUGUST Sun mon tue wed thu fri sat * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 * * * * * * * * * * *
SEPTEMBER Sun mon tue wed thu fri sat * * * * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 * * * * * * * * *	OCTOBER Sun mon tue wed thu fri sat * * * * * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 * * * * *	NOVEMBER Sun mon tue wed thu fri sat * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 * * * * * * * * * * *	DECEMBER Sun mon tue wed thu fri sat * * * * * 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 * * * * * * * *

Windows taskbar with search bar, task view, and various application icons. System tray shows 86% battery, network, and time 11:15 PM 3/23/2021.