

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

Main Page.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Calender</title>
</head>

<body>
  <script type="text/javascript">
    function calender() {
      var year = document.getElementById("year").value;
      var months = new Array();
      months[0] = "JANUARY";
      months[1] = "FEBRUARY";
      months[2] = "MARCH";
      months[3] = "APRIL";
      months[4] = "MAY";
      months[5] = "JUNE";
      months[6] = "JULY";
      months[7] = "AUGUST";
      months[8] = "SEPTEMBER";
      months[9] = "OCTOBER";
      months[10] = "NOVEMBER";
      months[11] = "DECEMBER";
      document.write("<h1>Calender - Year " + year + "</h1>");
      document.write("<table border='1'><tr>"); //table start
      for (month = 0; month < 12; month++) {
        dt = new Date(year, month, 01); //place year,month(0--11),date format(eg:2020,1,1)

        var first_day = dt.getDay(); //first day of present month(which day)

        dt.setMonth(month + 1, 0); //set to next month and one day backward ie last day of
previous month(in dt,february s first days previous day ie last day of january ie 2020,1,31)

        var last_date = dt.getDate(); //last day of present month 31(get 31(get number ))

        var dte = 1; //day variable for adjustment of starting date

        if (month == 4 || month == 8) {
          document.write("</tr><tr>"); //change row after 4 every month
        }
        document.write("<td>");
        document.write("<center><b>" + months[dt.getMonth()] + "</b></center>"); //for
month name in bold
```

```
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>  
</body>  
<p><input type="text" id="year" placeholder="Enter the year YYYY"></p>  
<p><input type="button" value="calender" onclick="calender()"></p>  
  
</html>
```

Output:-

7.html			
File D:/MCA/MCA%201st/HTML/7/7.html			
Apps Suggested Sites Xender Web Gmail YouTube Maps Translate			
Other bookmarks			
Calender - Year 2021			
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 * * * * *

7.html			
File D:/MCA/MCA%201st/HTML/7/7.html			
Apps Suggested Sites Xender Web Gmail YouTube Maps Translate			
Other bookmarks			
Calender - year 2021			
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