

## C02(2)

### AIM:

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

### CODE:

```
<html>

<head>

  <script language="javascript">

    function day_title(day_name) {

      document.write("<td align=center width=35 bgcolor=lightblue><b>" + day_name +
"</b></td>");

    }

    function fill_table(month, month_len) {

      day = 1;

      document.write("<table border=1 cellspacing=3 cellpadding=3%>");

      document.write("<td colspan=7 align=center bgcolor=yellow><b>" + month + " " +
year + "</b><tr>");

      day_title("Sun");

      day_title("Mon");

      day_title("Tue");

      day_title("Wed");

      day_title("Thu");

      day_title("Fri");

      day_title("Sat");

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

      for (var i = 1; i < start_day; i++) {

        document.write("<td>");

      }

    }

  }

</script>

</head>

<body>
```

```

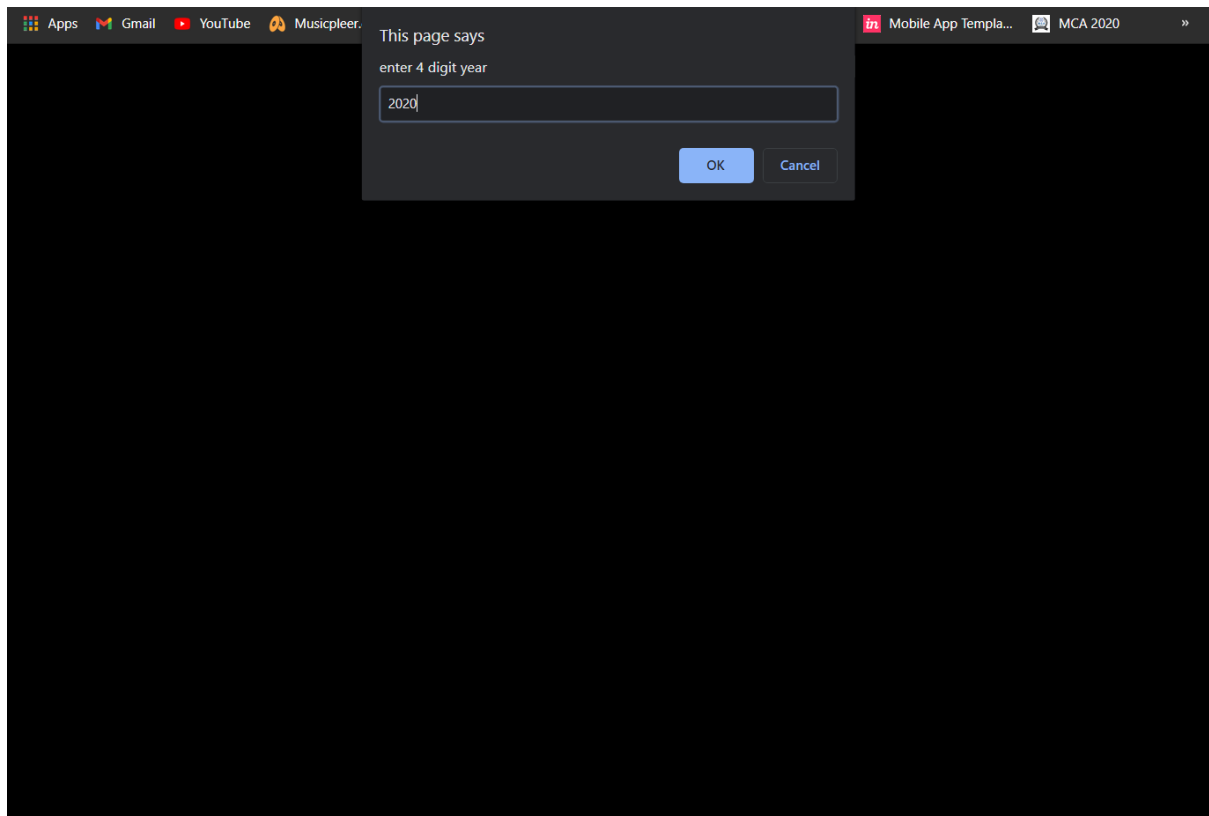
    for (var i = start_day; i < 8; i++) {
        document.write("<td align=center bgcolor=silver>" + day + "</td>");
        day++;
    }
    document.write("<tr>");
    while (day <= month_len) {
        for (var i = 1; i <= 7 && day <= month_len; i++) {
            document.write("<td align=center bgcolor=lightblue>" + day + "</td>");
            day++;
        }
        document.write("<tr>");
        start_day = i;
    }
    document.write("</tr></table><br>");
}

year = prompt("enter 4 digit year ", 2016);
today = new Date("January 1, " + year);
start_day = today.getDay() + 1;
fill_table("January", 31);
if (year % 4 == 0)
    fill_table("February", 29);
else
    fill_table("February", 28);
fill_table("March", 31);
fill_table("April", 30);
fill_table("May", 31);
fill_table("June", 30);
fill_table("July", 31);
fill_table("August", 31);
fill_table("September", 30);

```

```
fill_table("October", 31);  
fill_table("November", 30);  
fill_table("December", 31);  
</script>  
</head>  
  
</html>
```

## OUTPUT



January 2020						
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 2020						
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

March 2020						
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 2020						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4