

COURSE OUTCOME:2

PROGRAMME:2

**Q: GENERATE THE CALENDER USING JAVASCRIPT CODE BY GETTING THE YEAR FROM THE USER**

**PROGRAMME:**

**demo.css**

```
body{  
  
    font-family: Calibri, sans-serif;  
  
    font-family: 'Roboto Condensed', sans-serif;  
  
    color: #333;  
  
}
```

**theme1.css**

```
.cld-main{  
  
    width: 330px;  
  
}  
  
.cld-main a{  
  
    color: #333;  
  
    font-weight: bold;  
  
}  
  
.cld-datetime{  
  
    position: relative;  
  
    width: 66%;  
  
    min-width: 100px;  
  
    max-width: 300px;  
  
    margin: auto;  
  
    overflow: hidden;
```

```
}  
  
.cld-datetime .today{  
    position: relative;  
    float: left;  
    width: calc(100% - 40px);  
    margin: auto;  
    text-align: center;  
}  
  
.cld-nav{  
    position: relative;  
    width: 20px;  
    height: 20px;  
    margin-top: 2px;  
}  
  
.cld-nav:hover{  
    cursor: pointer;  
}  
  
.cld-nav:hover svg{  
    fill: #666;  
}  
  
.cld-rwd{  
    float: left;  
}  
  
.cld-fwd{  
    float: right;
```

```
}

.cld-nav svg:hover{

}

.cld-labels, .cld-days{
padding-left: 0;
}

.cld-label, .cld-day{
display: inline-block;
width: 14.28%;
text-align: center;
}

.cld-day.today .cld-number{
display: inline-block;
height: 20px;
width: 20px;
border-radius: 50px;
background: #666;
color: #fff;
}

.cld-day.disableDay{
opacity: 0.5;
}

.cld-day.nextMonth, .cld-day.prevMonth{
opacity: 0.33;
```

```
}
```

```
.cld-number{
```

```
    position: relative;
```

```
    margin: 5px;
```

```
    padding: 5px;
```

```
}
```

```
.cld-title{
```

```
    position: absolute;
```

```
    z-index: 5;
```

```
    display: none;
```

```
    top: 30px;
```

```
    left: 0;
```

```
    padding: 5px 10px;
```

```
    background: #fff;
```

```
    white-space: nowrap;
```

```
    border: 1px solid #ccc;
```

```
    border-radius: 5px;
```

```
    font-size: 12px;
```

```
}
```

```
.cld-number:hover .cld-title{
```

```
    display: block;
```

```
}
```

```
.cld-title::before{
```

```
    content: ";
```

```
    position: absolute;
```

```

top: -7.5px; left: 7.5px;

width: 0;

height: 0;

border-left: 7.5px solid transparent;

border-right: 7.5px solid transparent;


border-bottom: 7.5px solid #ccc;
}

.cld-number.eventday{

display: inline-block;

height: 20px;

width: 20px;

border-radius: 50px;

border: 1px solid #999;

}

.cld-number.eventday:hover{

cursor: pointer;

background: #eee;

}

.today .cld-number.eventday:hover{

background: #888;

}

```

## **theme2.css**

```
.cld-main{
```

```
    width: 400px;
}

.cld-main a{
    color: #0080FF;
}

.cld-main svg{
    fill: #0080FF;
}

.cld-datetime{
    position: relative;
    width: 66%;
    min-width: 100px;
    max-width: 300px;
    margin: auto;
    overflow: hidden;
}

.cld-datetime .today{
    position: relative;
    float: left;
    width: calc(100% - 40px);
    margin: auto;
    text-align: center;
}

.cld-nav{
    position: relative;
```

```
    width: 20px;

    height: 20px;

    margin-top: 2px;
}

.cld-nav:hover{

    cursor: pointer;
}

.cld-nav:hover svg{

    fill: #005EFF;
}

.cld-rwd{

    float: left;
}

.cld-fwd{

    float: right;
}

.cld-nav svg:hover{

}

.cld-labels, .cld-days{

    padding-left: 0;
}

.cld-label, .cld-day{

    box-sizing: border-box;

    display: inline-block;
```

```
width: 14.28%;  
  
text-align: center;  
  
}  
  
.cld-day{  
  
    border: 1px solid #eee;  
  
}  
  
.cld-day.today .cld-number{  
  
    background: #0080FF;  
  
    color: #fff;  
  
}  
  
.cld-day.disableDay{  
  
    opacity: 0.5;  
  
}  
  
.cld-day.nextMonth, .cld-day.prevMonth{  
  
    opacity: 0.33;  
  
}  
  
.cld-number{  
  
    position: relative;  
  
    margin: 0;  
  
    padding: 10px;  
  
}  
  
.cld-title{  
  
    position: absolute;  
  
    z-index: 5;  
  
    display: none;
```



```
top: 35px;

left: 0;

padding: 5px 10px;

background: #fff;

white-space: nowrap;

border: 1px solid #ccc;

border-radius: 5px;

font-size: 12px;

}

.cld-number:hover .cld-title{

    display: block;

}

.cld-title::before{

    content: "";

    position: absolute;

    top: -7.5px; left: 10px;

    width: 0;

    height: 0;

    border-left: 7.5px solid transparent;

    border-right: 7.5px solid transparent;


    border-bottom: 7.5px solid #ccc;

}

.cld-number.eventday{

    font-weight: bold;
```

```
        color: #0080FF;
    }

    .cld-number.eventday:hover{

        cursor: pointer;

        background: #eee;

    }

    .today .cld-number.eventday:hover{

        background: #005EFF;

    }
```

### **theme3.css**

```
.cld-main{

    width: 660px;

}

.cld-main a{

    color: #7B00FF;

}

.cld-datetime{

    position: relative;

    width: 66%;

    min-width: 100px;

    max-width: 300px;

    margin: auto;

    overflow: hidden;

}
```

```
.cld-datetime .today{  
    position: relative;  
    float: left;  
    width: calc(100% - 40px);  
    margin: auto;  
    text-align: center;
```

```
}
```

```
.cld-nav{  
    position: relative;  
    width: 20px;  
    height: 20px;  
    margin-top: 2px;
```

```
}
```

```
.cld-nav:hover{  
    cursor: pointer;
```

```
}
```

```
.cld-nav:hover svg{  
    fill: #666;
```

```
}
```

```
.cld-rwd{  
    float: left;
```

```
}
```

```
.cld-fwd{  
    float: right;
```

```
}
```

```
.cld-nav svg:hover{

}

.cld-labels, .cld-days{
padding-left: 0;
}

.cld-label, .cld-day{
    box-sizing: border-box;
    display: inline-block;
    width: 14.28%;
    text-align: center;
}

.cld-day{
    display: block;
    float: left;
    position: relative;
    margin: 0;
    padding: 5px;
    height: 66px;
    border: 1px solid #ddd;
    overflow-y: auto;
}

.cld-day.clickable:hover{
    cursor: pointer;
}
```

```
.cld-day.today{
    border: 1px solid #7B00FF;
}

.cld-day.disableDay{
    opacity: 0.5;
}

.cld-day.nextMonth, .cld-day.prevMonth{
    opacity: 0.33;
}

.cld-number{
    margin: 0;
    text-align: left;
}

.cld-title{
    font-size: 10px;
    display: block;
    margin: 0;
    font-weight: normal;
}

.cld-day:hover{
    background: #eee;
}

.cld-number.eventday{
    font-weight: bold;
}
```

```
.cld-number.eventday:hover{  
    background: #eee;  
}  
  
.today .cld-number.eventday:hover{  
  
}
```

### **calender.js**

```
var Calendar = function(model, options, date){  
  
    // Default Values  
  
    this.Options = {  
        Color: "",  
        LinkColor: "",  
        NavShow: true,  
        NavVertical: false,  
        NavLocation: "",  
        DateTimeShow: true,  
        DateTimeFormat: 'mmm, yyyy',  
        DatetimeLocation: "",  
        EventClick: "",  
        EventTargetWholeDay: false,  
        DisabledDays: [],  
        ModelChange: model  
    };  
  
    // Overwriting default values  
  
    for(var key in options){
```

```
    this.Options[key] = typeof options[key]=='string'?options[key].toLowerCase():options[key];  
}
```

```
model?this.Model=model:this.Model={};
```

```
this.Today = new Date();
```

```
this.Selected = this.Today
```

```
this.Today.Month = this.Today.getMonth();
```

```
this.Today.Year = this.Today.getFullYear();
```

```
if(date){this.Selected = date}
```

```
this.Selected.Month = this.Selected.getMonth();
```

```
this.Selected.Year = this.Selected.getFullYear();
```

```
this.Selected.Days = new Date(this.Selected.Year, (this.Selected.Month + 1), 0).getDate();
```

```
this.Selected.FirstDay = new Date(this.Selected.Year, (this.Selected.Month), 1).getDay();
```

```
this.Selected.LastDay = new Date(this.Selected.Year, (this.Selected.Month + 1), 0).getDay();
```

```
this.Prev = new Date(this.Selected.Year, (this.Selected.Month - 1), 1);
```

```
if(this.Selected.Month==0){this.Prev = new Date(this.Selected.Year-1, 11, 1);}
```

```
this.Prev.Days = new Date(this.Prev.getFullYear(), (this.Prev.getMonth() + 1), 0).getDate();
```

```
};
```

```
function createCalendar(calendar, element, adjuster){
```

```
    if(typeof adjuster !== 'undefined'){
```

```
        var newDate = new Date(calendar.Selected.Year, calendar.Selected.Month + adjuster, 1);
```

```

calendar = new Calendar(calendar.Model, calendar.Options, newDate);

element.innerHTML = "";

}else{

    for(var key in calendar.Options){

        typeof calendar.Options[key] != 'function' && typeof calendar.Options[key] != 'object' &&
calendar.Options[key]?element.className += " " + key + "-" + calendar.Options[key]:0;

    }

}

var months = ["January", "February", "March", "April", "May", "June", "July", "August", "September",
"October", "November", "December"];

function AddSidebar(){

    var sidebar = document.createElement('div');

    sidebar.className += 'cld-sidebar';

    var monthList = document.createElement('ul');

    monthList.className += 'cld-monthList';

    for(var i = 0; i < months.length - 3; i++){

        var x = document.createElement('li');

        x.className += 'cld-month';

        var n = i - (4 - calendar.Selected.Month);

        // Account for overflowing month values

        if(n<0){n+=12;}

        else if(n>11){n-=12;}

        // Add Appropriate Class

```



```

if(i==0){

    x.className += ' cld-rwd cld-nav';

    x.addEventListener('click', function(){

        typeof calendar.Options.ModelChange == 'function'?calendar.Model =
calendar.Options.ModelChange():calendar.Model = calendar.Options.ModelChange;

        createCalendar(calendar, element, -1));});

    x.innerHTML += '<svg height="15" width="15" viewBox="0 0 100 75"
fill="rgba(255,255,255,0.5)"><polyline points="0,75 100,75 50,0"></polyline></svg>';

    }

    else if(i==months.length - 4){

        x.className += ' cld-fwd cld-nav';

        x.addEventListener('click', function(){

            typeof calendar.Options.ModelChange == 'function'?calendar.Model =
calendar.Options.ModelChange():calendar.Model = calendar.Options.ModelChange;

            createCalendar(calendar, element, 1));});

        x.innerHTML += '<svg height="15" width="15" viewBox="0 0 100 75"
fill="rgba(255,255,255,0.5)"><polyline points="0,0 100,0 50,75"></polyline></svg>';

        }

    else{

        if(i < 4){x.className += ' cld-pre';}

        else if(i > 4){x.className += ' cld-post';}

        else{x.className += ' cld-curr';}

        //prevent losing var adj value (for whatever reason that is happening)

        (function () {

            var adj = (i-4);

            //x.addEventListener('click', function(){createCalendar(calendar, element,

```

```

adj));console.log('kk', adj);} });

    x.addEventListener('click', function(){

        typeof calendar.Options.ModelChange == 'function'?calendar.Model =
calendar.Options.ModelChange():calendar.Model = calendar.Options.ModelChange;

        createCalendar(calendar, element, adj);} });

    x.setAttribute('style', 'opacity:' + (1 - Math.abs(adj)/4));

    x.innerHTML += months[n].substr(0,3);

})(); // immediate invocation


if(n==0){

    var y = document.createElement('li');

    y.className += 'cld-year';

    if(i<5){

        y.innerHTML += calendar.Selected.Year;

    }else{

        y.innerHTML += calendar.Selected.Year + 1;

    }

    monthList.appendChild(y);

}

}

monthList.appendChild(x);

}

sidebar.appendChild(monthList);

if(calendar.Options.NavLocation){

    document.getElementById(calendar.Options.NavLocation).innerHTML = "";

    document.getElementById(calendar.Options.NavLocation).appendChild(sidebar);

```

```

    }

    else{element.appendChild(sidebar);}

}

var mainSection = document.createElement('div');

mainSection.className += "cld-main";


function AddDateTime(){

    var datetime = document.createElement('div');

    datetime.className += "cld-datetime";

    if(calendar.Options.NavShow && !calendar.Options.NavVertical){

        var rwd = document.createElement('div');

        rwd.className += " cld-rwd cld-nav";

        rwd.addEventListener('click', function(){createCalendar(calendar, element, -1);});

        rwd.innerHTML = '<svg height="15" width="15" viewBox="0 0 75 100"
fill="rgba(0,0,0,0.5)"><polyline points="0,50 75,0 75,100"></polyline></svg>';

        datetime.appendChild(rwd);

    }

    var today = document.createElement('div');

    today.className += ' today';

    today.innerHTML = months[calendar.Selected.Month] + ", " + calendar.Selected.Year;

    datetime.appendChild(today);

    if(calendar.Options.NavShow && !calendar.Options.NavVertical){

        var fwd = document.createElement('div');

        fwd.className += " cld-fwd cld-nav";

        fwd.addEventListener('click', function(){createCalendar(calendar, element, 1);});

```

```

        fwd.innerHTML = '<svg height="15" width="15" viewBox="0 0 75 100"
fill="rgba(0,0,0,0.5)"><polyline points="0,0 75,50 0,100"></polyline></svg>';

        datetime.appendChild(fwd);

    }

    if(calendar.Options.DatetimeLocation){

        document.getElementById(calendar.Options.DatetimeLocation).innerHTML = "";

        document.getElementById(calendar.Options.DatetimeLocation).appendChild(datetime);

    }

    else{mainSection.appendChild(datetime);}

}

```

```

function AddLabels(){

    var labels = document.createElement('ul');

    labels.className = 'cld-labels';

    var labelsList = ["Sun", "Mon", "Tue", "Wed", "Thu", "Fri", "Sat"];

    for(var i = 0; i < labelsList.length; i++){

        var label = document.createElement('li');

        label.className += "cld-label";

        label.innerHTML = labelsList[i];

        labels.appendChild(label);

    }

    mainSection.appendChild(labels);

}

```

```

function AddDays(){

    // Create Number Element

    function DayNumber(n){

```

```

    var number = document.createElement('p');

    number.className += "cld-number";

    number.innerHTML += n;

    return number;
}

var days = document.createElement('ul');

days.className += "cld-days";

// Previous Month's Days

for(var i = 0; i < (calendar.Selected.FirstDay); i++){

    var day = document.createElement('li');

    day.className += "cld-day prevMonth";

    //Disabled Days

    var d = i%7;

    for(var q = 0; q < calendar.Options.DisabledDays.length; q++){

        if(d==calendar.Options.DisabledDays[q]){

            day.className += " disableDay";

        }

    }

}

var number = DayNumber((calendar.Prev.Days - calendar.Selected.FirstDay) + (i+1));

day.appendChild(number);

days.appendChild(day);

}

// Current Month's Days

```

```

for(var i = 0; i < calendar.Selected.Days; i++){

    var day = document.createElement('li');

    day.className += "cld-day currMonth";

    //Disabled Days

    var d = (i + calendar.Selected.FirstDay)%7;

    for(var q = 0; q < calendar.Options.DisabledDays.length; q++){

        if(d==calendar.Options.DisabledDays[q]){

            day.className += " disableDay";

        }

    }

    var number = DayNumber(i+1);

    // Check Date against Event Dates

    for(var n = 0; n < calendar.Model.length; n++){

        var evDate = calendar.Model[n].Date;

        var toDate = new Date(calendar.Selected.Year, calendar.Selected.Month, (i+1));

        if(evDate.getTime() == toDate.getTime()){

            number.className += " eventday";

            var title = document.createElement('span');

            title.className += "cld-title";

            if(typeof calendar.Model[n].Link == 'function' || calendar.Options.EventClick){

                var a = document.createElement('a');

                a.setAttribute('href', '#');

                a.innerHTML += calendar.Model[n].Title;

                if(calendar.Options.EventClick){

                    var z = calendar.Model[n].Link;

```

```

        if(typeof calendar.Model[n].Link != 'string'){

            a.addEventListener('click',
calendar.Options.EventClick.bind.apply(calendar.Options.EventClick, [null].concat(z)) );

            if(calendar.Options.EventTargetWholeDay){

                day.className += " clickable";

                day.addEventListener('click',
calendar.Options.EventClick.bind.apply(calendar.Options.EventClick, [null].concat(z)) );

            }

        }else{

            a.addEventListener('click', calendar.Options.EventClick.bind(null, z) );

            if(calendar.Options.EventTargetWholeDay){

                day.className += " clickable";

                day.addEventListener('click', calendar.Options.EventClick.bind(null, z) );

            }

        }

    }else{

        a.addEventListener('click', calendar.Model[n].Link);

        if(calendar.Options.EventTargetWholeDay){

            day.className += " clickable";

            day.addEventListener('click', calendar.Model[n].Link);

        }

    }

    title.appendChild(a);

}

title.innerHTML += '<a href="' + calendar.Model[n].Link + ">' + calendar.Model[n].Title +
'</a>';

}

```

```

        number.appendChild(title);
    }
}

day.appendChild(number);

// If Today..

if((i+1) == calendar.Today.getDate() && calendar.Selected.Month == calendar.Today.Month &&
calendar.Selected.Year == calendar.Today.Year){

    day.className += " today";

}

days.appendChild(day);

}

// Next Month's Days

// Always same amount of days in calander

var extraDays = 13;

if(days.children.length>35){extraDays = 6;}

else if(days.children.length<29){extraDays = 20;}


for(var i = 0; i < (extraDays - calendar.Selected.LastDay); i++){

    var day = document.createElement('li');

    day.className += "cld-day nextMonth";

    //Disabled Days

    var d = (i + calendar.Selected.LastDay + 1)%7;

    for(var q = 0; q < calendar.Options.DisabledDays.length; q++){

        if(d==calendar.Options.DisabledDays[q]){

            day.className += " disableDay";

        }
    }
}

```



```

    }

    var number = DayNumber(i+1);

    day.appendChild(number);

    days.appendChild(day);
}

mainSection.appendChild(days);
}

if(calendar.Options.Color){
    mainSection.innerHTML += '<style>.cld-main{color:' + calendar.Options.Color + ';</style>';
}

if(calendar.Options.LinkColor){
    mainSection.innerHTML += '<style>.cld-title a{color:' + calendar.Options.LinkColor + ';</style>';
}

element.appendChild(mainSection);


if(calendar.Options.NavShow && calendar.Options.NavVertical){
    AddSidebar();
}

if(calendar.Options.DateTimeShow){
    AddDateTime();
}

AddLabels();

AddDays();

```

```
}
```

```
function calendar(el, data, settings){  
    var obj = new Calendar(data, settings);  
    createCalendar(obj, el);  
}
```

### calender.min.js

```
function createCalendar(e,t,a){function n(){var  
a=document.createElement("div");a.className+="cld-sidebar";var  
n=document.createElement("ul");n.className+="cld-monthList";for(var l=0;l<s.length-3;l++){var  
i=document.createElement("li");i.className+="cld-month";var  
d=l-(4-e.Selected.Month);if(0>d?d+=12:d>11&&(d-=12),0==l)i.className+=" cld-rwd  
cld-nav",i.addEventListener("click",function(){function==typeof  
e.Options.ModelChange?e.Model=e.Options.ModelChange():e.Model=e.Options.ModelChange,createCa  
lendar(e,t,-1)}),i.innerHTML+=<svg height="15" width="15" viewBox="0 0 100 75"  
fill="rgba(255,255,255,0.5)"><polyline points="0,75 100,75 50,0"></polyline></svg>;else  
if(l==s.length-4)i.className+=" cld-fwd cld-nav",i.addEventListener("click",function(){function==typeof  
e.Options.ModelChange?e.Model=e.Options.ModelChange():e.Model=e.Options.ModelChange,createCa  
lendar(e,t,1)}),i.innerHTML+=<svg height="15" width="15" viewBox="0 0 100 75"  
fill="rgba(255,255,255,0.5)"><polyline points="0,0 100,0 50,75"></polyline></svg>;else  
if(4>l?i.className+=" cld-pre":l>4?i.className+=" cld-post":i.className+=" cld-curr",function(){var  
a=l-4;i.addEventListener("click",function(){function==typeof  
e.Options.ModelChange?e.Model=e.Options.ModelChange():e.Model=e.Options.ModelChange,createCa  
lendar(e,t,a)}),i.setAttribute("style","opacity:"+1-Math.abs(a)/4)),i.innerHTML+=s[d].substr(0,3)}(),0==d  
{var  
o=document.createElement("li");o.className+="cld-year",5>l?o.innerHTML+=e.Selected.Year:o.innerHT  
ML+=e.Selected.Year+1,n.appendChild(o)}n.appendChild(i)}a.appendChild(n),e.Options.NavLocation?(do  
cument.getElementById(e.Options.NavLocation).innerHTML="",document.getElementById(e.Options.Na  
vLocation).appendChild(a)):t.appendChild(a)}function l(){var  
a=document.createElement("div");if(a.className+="cld-datetime",e.Options.NavShow&&!e.Options.Na  
vVertical){var n=document.createElement("div");n.className+=" cld-rwd  
cld-nav",n.addEventListener("click",function(){createCalendar(e,t,-1)}),n.innerHTML+=<svg height="15"  
width="15" viewBox="0 0 75 100" fill="rgba(0,0,0,0.5)"><polyline points="0,50 75,0  
75,100"></polyline></svg>,a.appendChild(n)}var l=document.createElement("div");if(l.className+="  
today",l.innerHTML=s[e.Selected.Month]+",
```

```

"+e.Selected.Year,a.appendChild(l),e.Options.NavShow&&!e.Options.NavVertical){var
i=document.createElement("div");i.className+=" cld-fwd
cld-nav",i.addEventListener("click",function(){createCalendar(e,t,1)}),i.innerHTML='<svg height="15"
width="15" viewBox="0 0 75 100" fill="rgba(0,0,0,0.5)"><polyline points="0,0 75,50
0,100"></polyline></svg>',a.appendChild(i)}e.Options.DatetimeLocation?(document.getElementById(e.
Options.DatetimeLocation).innerHTML="",document.getElementById(e.Options.DatetimeLocation).appe
ndChild(a)):r.appendChild(a)}function i(){var
e=document.createElement("ul");e.className="cld-labels";for(var
t=["Sun","Mon","Tue","Wed","Thu","Fri","Sat"],a=0;a<t.length;a++){var
n=document.createElement("li");n.className+="cld-label",n.innerHTML=t[a],e.appendChild(n)}r.appen
dChild(e)}function d(){function t(e){var t=document.createElement("p");return
t.className+="cld-number",t.innerHTML+=e,t}var
a=document.createElement("ul");a.className+="cld-days";for(var n=0;n<e.Selected.FirstDay;n++){var
l=document.createElement("li");l.className+="cld-day prevMonth";for(var
i=n%7,d=0;d<e.Options.DisabledDays.length;d++)i==e.Options.DisabledDays[d]&&(l.className+="
disableDay");var o=t(e.Prev.Days-e.Selected.FirstDay+(n+1));l.appendChild(o),a.appendChild(l)}for(var
n=0;n<e.Selected.Days;n++){var l=document.createElement("li");l.className+="cld-day
currMonth";for(var
i=(n+e.Selected.FirstDay)%7,d=0;d<e.Options.DisabledDays.length;d++)i==e.Options.DisabledDays[d]&&
(l.className+=" disableDay");for(var o=t(n+1),c=0;c<e.Model.length;c++){var s=e.Model[c].Date,p=new
Date(e.Selected.Year,e.Selected.Month,n+1);if(s.getTime()==p.getTime()){o.className+=" eventday";var
h=document.createElement("span");if(h.className+="cld-title","function"==typeof
e.Model[c].Link|e.Options.EventClick){var
v=document.createElement("a");if(v.setAttribute("href","#"),v.innerHTML+=e.Model[c].Title,e.Options.E
ventClick){var m=e.Model[c].Link;"string"!=typeof
e.Model[c].Link?(v.addEventListener("click",e.Options.EventClick.bind.apply(e.Options.EventClick,[null].
concat(m))),e.Options.EventTargetWholeDay&&(l.className+="
clickable",l.addEventListener("click",e.Options.EventClick.bind.apply(e.Options.EventClick,[null].concat(
m))))):(v.addEventListener("click",e.Options.EventClick.bind(null,m)),e.Options.EventTargetWholeDay&
&(l.className+=" clickable",l.addEventListener("click",e.Options.EventClick.bind(null,m))))}else
v.addEventListener("click",e.Model[c].Link),e.Options.EventTargetWholeDay&&(l.className+="
clickable",l.addEventListener("click",e.Model[c].Link));h.appendChild(v)}else h.innerHTML+="

```

```

e.Options[c]&&e.Options[c]?t.className+=" "+c+"-"+e.Options[c]:0;var
s=["January","February","March","April","May","June","July","August","September","October","Novem
ber","December"],r=document.createElement("div");r.className+="cld-main",e.Options.Color&&(r.inn
erHTML+="

```

```

var events = [

    {'Date': new Date(2016, 6, 7), 'Title': 'Doctor appointment at 3:25pm.'},

    {'Date': new Date(2016, 6, 18), 'Title': 'New Garfield movie comes out!', 'Link': 'https://garfield.com'},

    {'Date': new Date(2016, 6, 27), 'Title': '25 year anniversary', 'Link':
'https://www.google.com.au/#q=anniversary+gifts'},

];

var settings = {};

var element = document.getElementById('caleandar');

caleandar(element, events, settings);

```

## demo.html

```
<!DOCTYPE html>

<html>

  <head>

    <title>Hello</title>

    <link href="https://fonts.googleapis.com/css?family=Roboto+Condensed" rel="stylesheet">

    <link rel="stylesheet" href="css/demo.css"/>

    <link rel="stylesheet" href="css/theme1.css"/>

  </head>

  <body>

    <div id="caleandar">


    </div>


    <script type="text/javascript" src="js/caleandar.js"></script>

    <script type="text/javascript" src="js/demo.js"></script>

  </body>

</html>
```

## OUTPUT

---

◀ March, 2021 ▶						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	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	1	2	3
4	5	6	7	8	9	10