

# Sweet Corner HTML website

## 1. In this tutorial

---

- ✓ Building a simple website for a sweets store
- ✓ Using several web technologies like: HTML, CSS, JavaScript

## 2. Understanding the technology used

---

**HTML** is a language to describe web pages statically.

**CSS** allows defining the formatting and styling information for the HTML elements.

**JavaScript** allows defining client side behavior for HTML elements.

## 3. Required resources

---

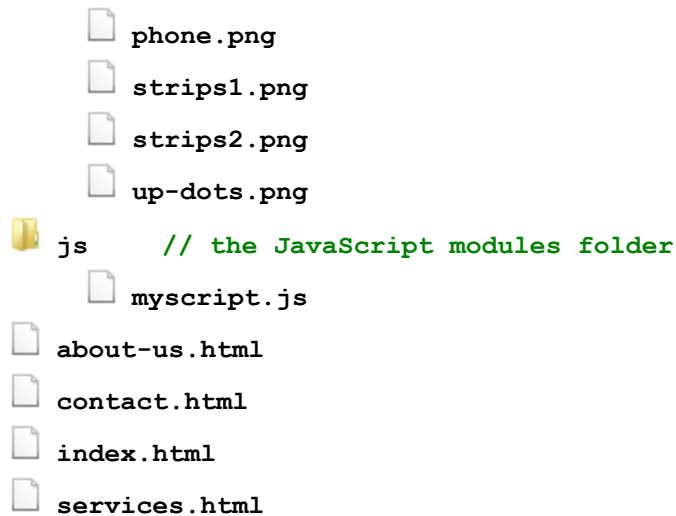
- ✓ An Internet browser
- ✓ A text editor

## 4. Directory structure

---

Here is what the directory structure of our website will look like when we're finished with it:

```
📁 sweetcorner // the folder for our website
  📁 css // CSS (cascading style sheets) files
    📄 mystyle.css
  📁 img // images used in our website
    📄 box1.png
    📄 box2.png
    📄 cupcakes.png
    📄 dots-box1.png
    📄 dots-box2.png
    📄 dots-footer.png
    📄 down-dots.png
    📄 header.png
    📄 logo.png
```



## 5. index.html

---

The **index.html** is the starting file which is loaded by the browser on the client side and processed by the web server after the website was uploaded.

In this file we have a classic HTML web page structure with **head** and **body**.

The **meta** section is present having tags like **title**, **keywords** and **description**.

A **mystyle.css** file is loaded in the webpage. A special font is loaded from the Google Fonts API.

```
<!DOCTYPE html>
<html lang="en"> <!-- this is a HTML comment -->
<head>
  <meta charset="UTF-8" />

  <!-- begin - SEO meta tags -->
  <meta name="title" content="Home of the Sweet Corner" />
  <meta name="keywords" content="sweetcorner, sweet, corner, home, index" />
  <meta name="description" content="This is the home of the Sweet Corner." />
  <!-- end - SEO meta tags -->

  <title>Sweet Corner | Home</title>

  <!-- the following CSS file is included for styling -->
  <link media="all" type="text/css" rel="stylesheet" href="css/mystyle.css" />

  <!-- Google Fonts -->
  <link href='http://fonts.googleapis.com/css?family=Dancing+Script'
    rel='stylesheet' type='text/css' />
</head>
```

The body of the webpage begins with a page header containing a menu with links to all our pages:

- **index.html**
- **about-us.html**

- **services.html**
- **contact.html**

```
<body>
  <div class="container">
    <!-- page header - begin -->
    <header class="wrapper">
      <div id="top-header"></div>
      <nav id="menu">
        <ul>
          <li><a href="index.html">home</a></li>
          <li><a href="about-us.html">about us</a></li>
          <li><a href="services.html">services</a></li>
          <li><a href="contact.html">contact</a></li>
        </ul>
      </nav>
      <div class="clear-float"></div>
      <div id="logo"></div>
      <div class="italic-text" id="header-text">
        We deliver cupcakes for the important events in your life!
      </div>
    </header>
    <!-- page header - end -->
```

The next container of the body will include the actual content of this page:

```
<div class="wrapper">
  <div id="brown-line"></div>
  <div class="content_strips2">
    
    <div class="content-title-editor">
      We cherish the sweet moments...
    </div>
    <p>
      Sweet corner's story began first from our passion for sweets,
      which is inspired by our everyday job and also by the
      acknowledged weakness for sweets.
    </p>
    <p>
      For us, the Sweet corner means: the right amount of sweet,
      flawless appearance, the combination of shape, color and
      proportion and a right and balanced decor for the event.
    </p>
    <p>
      We have been baking gourmet cupcakes, 100% from Scratch,
      since day one. We always use the finest and most natural
      ingredients we can find.
    </p>
    <div style="content-title-editor">
      We can make happiness with so little!
    </div>
    <p>
      We can provide services for Weddings, Bar & Bat Mitzvahs,
      Birthdays, Showers, Corporate Events, and any other special
      occasion!
    </p>
  </div>
```

```

        Our expert bakers are waiting to create a memorable, unique
        cupcake bursting with freshness and flavour just for you.
    </p>
    <p>
        Their delicious taste, great variety and their sweet
        universe, colorful and flavorful cupcakes make the best
        choice for a chic desert. How could you resist these
        delicious cupcakes?
    </p>
</div>
<div class="italic-text" id="picture-text">
    Please note: you will be overwhelmed by the sweet content
</div>
</div>
<div class="clear-float"></div>

```

The following container holds the page picture.

```

<div class="wrapper">
    
</div>

```

Finally the body ends with the copyright information including the current date year.

```

<!-- page footer - begin -->
<footer class="wrapper">
    <div id="dots"></div>
    <div id="footer-text"> Copyright &copy; 2014 Sweet Corner. All rights
    reserved.</div>
    <div id="phone"> 800 264 2099</div>
</footer>
<!-- page footer - end -->

```

At the end of the file we include a custom a JavaScript library **myscript.js**. Its content will be described in the next section of our tutorial.

```

</div> <!-- closing div class="container" -->

<!-- this is how a Javascript file is included into the page -->
<script type="text/javascript" src="js/myscript.js"></script>
</body>
</html>

```

## 6. myscript.js

The **myscript.js** file contains a function that changes the table row color when passing the mouse over it.

```

//function that check if a specified element has a certain class
function hasClass(element, cls) {
    return (' ' + element.className + ' ').indexOf(' ' + cls + ' ') > -1;
}

//begin - script for changing table row colour on "mouseover" event
var cells = document.querySelectorAll('td');
for (var i=0; i<cells.length; i++) {
    cells[i].addEventListener("mouseover", function(event) {
        var current_td = event.target;
        var current_row_cells = event.target.parentNode.children;
        for (var j=0; j<current_row_cells.length; j++) {

```

```

        if (!hasClass(current_row_cells[j], "td-hover")) {
            current_row_cells[j].className += " td-hover ";
        }
    }, false);

    //revert to the default colour on "mouseout":
    cells[i].addEventListener("mouseout", function(event) {
        var current_td = event.target;
        var current_row_cells = event.target.parentNode.children;
        for (var j=0; j<current_row_cells.length; j++) {
            if (hasClass(current_row_cells[j], "td-hover")) {
                current_row_cells[j].className =
                    current_row_cells[j].className.replace(' td-hover ', '');
            }
        }
    }, false);
}
//end - script for changing table row colour on "mouseover" event

```

## 7. about-us.html

This file is the same as **index.html** except for the meta tags,

```

<!-- begin - SEO meta tags -->
<meta name="title" content=" About Us " />
<meta name="keywords" content=" sweetcorner, sweet, corner, about, us, cookies"
/>
<meta name="description" content=" About us, Sweetcorner." />
<!-- end - SEO meta tags -->

```

the title,

```
<title>Sweet Corner | About Us</title>
```

and the part between header and footer.

```

<!-- page header - end -->

<div class="wrapper">
    <div id="brown-line"></div>
    <div class="content strips1">
        
        <div class="content-title-editor">
            Delicious cupcakes, magical moments!
        </div>
        <p>
            Sweet Corner is growing fast. Our delicious cupcakes of all
            sizes, shapes and colours and tastes are creating a real wow
            factor.
        </p>
        <p>
            Our delicious cupcakes are different from other bakeries. Why?
            Well, not only are our cupcakes and baked goods prepared fresh
            every day, we also create personalised cupcakes in any size and
            shape just for you! Simply Delicious and unique.
        </p>
        <p>
            Our expert bakers create stunning cupcakes in any flavour,
            colour, size or shape you choose.
        </p>
    </div>

```

```

        <p>
            Have you seen a stunning cupcake in a magazine, a TV show or on
            the internet? Want something unique to reflect a character or
            personality? Sweet Corner's cupcakes are baked with love and
            that's why we can create perfect and unique cupcake for you.
        </p>
        <p>
            No idea is too creative for our bakers at Sweet Corner cupcakes.
            Contact us today to discuss your special cupcake.
        </p>
    </div>
</div>
<div class="clear-float"></div>

<div class="wrapper">
    
</div>
<!-- page footer - begin -->

```

## 8. contact.html

---

This file is the same as `index.html` except for the meta tags,

```

<!-- begin - SEO meta tags -->
<meta name="title" content="Contact us!" />
<meta name="keywords" content="sweetcorner, sweet, corner, cakes, cookies,
contact" />
<meta name="description" content="Contact Sweet Corner!" />
<!-- end - SEO meta tags -->

```

the title,

```
<title>Sweet Corner | Contact</title>
```

and the part between header and footer.

```

<!-- page header - end -->

<div class="wrapper">
    <div id="brown-line"></div>
    <div id="information">
        <div class="content-title-editor">Contact us today!</div>
        <p>
            Talk cupcakes to us! At Sweet Corner's we love hearing from our
            customers. Send your questions, comments and flavor suggestions
            to
        </p>
        <p>
            <a href="mailto:office@sweetcorner.com" target="_top"
            style="color: #06b4af;">office@sweetcorner.com</a>
        </p>
        <p>
            Our expert bakers are waiting to create an unique cupcake
            bursting with freshness and flavour just for you. Our management
            team are also waiting for their next event to organize
        </p>
    </div>
    <div id="schedule">
        <p class="content-title">For phone orders, our work schedule is:</p>
        <table>
            <tr>

```

```

        <td class="day">Monday</td>
        <td class="hours">09:00 - 17:00</td>
    </tr>
    <tr>
        <td class="day">Tuesday</td>
        <td class="hours">09:00 - 17:00</td>
    </tr>
    <tr>
        <td class="day">Wednesday</td>
        <td class="hours">09:00 - 19:00</td>
    </tr>
    <tr>
        <td class="day">Thursday</td>
        <td class="hours">09:00 - 19:00</td>
    </tr>
    <tr>
        <td class="day">Friday</td>
        <td class="hours">09:00 - 21:00</td>
    </tr>
</table>
<div class="clear-float"></div>
</div>
<div class="clear-float space-below"></div>

<!-- page footer - begin -->

```

## 9. services.html

---

This file is the same as **index.html** except for the meta tags,

```

<!-- begin - SEO meta tags -->
<meta name="title" content="Services" />
<meta name="keywords" content="sweetcorner, sweet, corner, cake, cookie,
services" />
<meta name="description" content="Services by Sweet Corner." />
<!-- end - SEO meta tags -->

```

the title,

```
<title>Sweet Corner | Services</title>
```

and the part between header and footer.

```

<!-- page header - end -->
<div class="wrapper">
    <div id="brown-line"></div>
    <div class="content strips1">
        
        <div>
            <div class="content-title-editor">We cherish the sweet
moments...</div>
            <p>
                For couples looking beyond the traditional wedding, Sweet
                Corner offers the modern day alternative to a traditional
                wedding cake. Stack your wedding cupcakes on towering tiers
                or treat each guest to a sweet token of your wedded bliss.
            </p>
            <p>
                Wedding cupcake prices average about $3.00 per person,
                depending on how elaborate your cake design is.
            </p>
        </div>
    </div>

```

```

    </p>
    <p>
        A non-refundable fee of $50.00 is required to reserve your
        date and will be deducted from your final bill.
    </p>
    <p>
        Higher prices may apply to custom cupcake flavors and highly
        detailed cupcakes.
    </p>
</div>

<div>
    <div class="content-title-editor">Party cupcakes</div>
    <p>
        Dress it up with the Sprinkles Cupcake or keep it simple and
        let the cupcakes shine!
    </p>
    <p>
        Simple Birthday cupcakes, such as Barney, Batman, Three
        Princesses, Thomas the Train, etc, range from $65 and up.
    </p>
    <p>
        3D Custom Cakes, Helmets, Wine Bottles, Naughty Cakes, Logos
        are a minimum $135.00+, will be based on time required and
        intricacy of the design.
    </p>
</div>

<div>
    <div class="content-title-editor">Gift cupcake</div>
    <p>
        Sending our cupcakes by post is the perfect way to say
        pretty much anything you can think of - from Happy Birthday
        and Welcome to your new home, to Thanks for a lovely weekend
        and Congratulations on your new baby.
    </p>
    <p>
        A yummy alternative to flowers, we can deliver cupcakes to
        any doorstep you choose in California.
    </p>
    <p>
        Not only do we offer a gift that is a little different - but
        the way we do it is pretty special too.
    </p>
    <p>
        Our cupcakes are sold in boxes of 6 and 12 and delivered
        directly to the address you choose.
    </p>
</div>
</div>
<div class="clear-float"></div>

<div class="wrapper">
    
</div>

<!-- page footer - begin -->

```



## 10. Congratulations! You're done.

---

To test the whole project you need to double-click on index.html.

The web application should start and you should be able to navigate through the pages.