

## Assignment 2 – Basic HTML Site

### Description:

In this assignment, we were expected to build a basic HTML site containing 3 different webpages. The requirements consisted of a home page, an about page, and a contact page. The home page is the page you're greeted with when you visit the site and at least 3 images are required. The about page contains a small amount of information about myself. The contact page prompts the user to fill in fields such as their name, address, email, and etc. Every page must give you the option to go to any of the other pages.

### Approach / What I Did:

I created three different HTML files; index.html(homepage), about.html, and contact.html for the respective webpages. The home page was not all that different from how our html file looked on the first assignment, I just added two more image sources and the ability to navigate from page to page. My about page is very simple; it has the same exact navigation as the home page and it contains some text which includes a small statement about myself, my github name, and my student ID. Lastly, the contact.html file probably has the most "work" done on it. It has the same navigation as the other two web pages, but more importantly it contains a form in which it creates a bunch of labels with respective textboxes (they obviously don't do anything when the user makes an input because there is no backend).

### Issues and Resolutions:

Since our development environments are already all set up, there weren't a whole lot of problems for me to run into. One of the things to mention was that after creating the form on the Contact page, I noticed that it was super messy. It simply had the labels next to the boxes without any spacing, so all of the prompts kind of just seemed like they were jumbled together. To fix this, I added style to the form margin so that the bars were larger and they would be organized within a column in the center of the page.

I also had to install express again, but for some reason it wasn't as simple as running the express install command : 'npm install express'

The error that popped up said something about my device restricting the use of scripts. I looked up the issue and found this command: Set-ExecutionPolicy RemoteSigned

I ran it through the terminal and I was able to install express again; I don't have a screenshot.

### Analysis:

Before knowing anything about websites and how web pages work, I didn't realize how easy it was to make hyperlinking work. I mean sure, most of us have grown up with this kind of technology and kind of see past how cool and important it is for browsing websites, but I didn't think a function like that would be so simple to actually work within the code part of it... at least for HTML.

### Screen shots:

Provide several screenshots of steps you have taken while working on this assignment.

### Added navigation to each webpage:

```
<nav>
  <a href="index.html">Home</a>
  <a href="about.html">About</a>
  <a href="contact.html">Contact</a>
```

### Added two more image files to index.html

```
<img src=getty_orange.jpg width=300><br>
<img src=gbgr.jpg width=300><br>
<img src=bridge.jpg width=300><br>
```

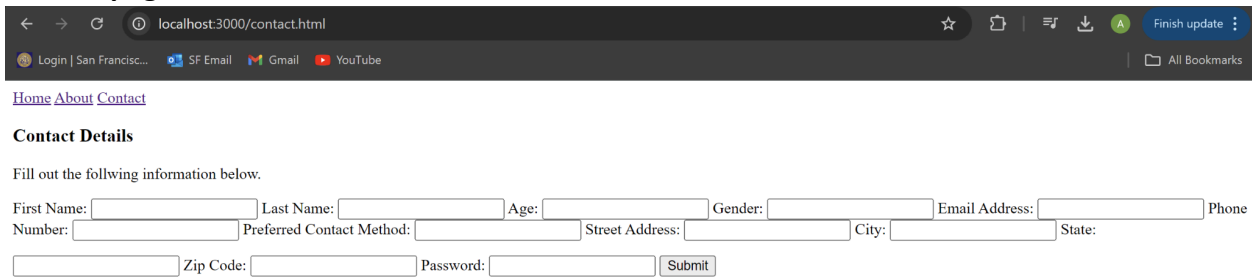
### About page was super simple; basically just added text.

```
<h1>About Us</h1>
<br>
<p>This is the about page for this website, here is some information.</p>
<br>
<p>My name is Aaron and I am a computer science major at SF State. I enjoy playing soccer and spending time with friends.</p>
<br>
<p>Here is my github username: aacarlt</p> <br>
<p>Student ID: 923444285</p>
```

Couldn't run server because of express install again; I could have just added it to the directory from the last assignment I suppose. I had to change a restriction through the terminal with the command I mentioned in Issues/Resolutions. I eventually got the server to run again.

```
PS C:\Windows\system32> cd "C:\Users\carlt\OneDrive\Desktop\assgn2_carltonA"
PS C:\Users\carlt\OneDrive\Desktop\assgn2_carltonA> node server317.js
CSC-317 startup template
This template uses nodeJS, express, and express.static
Listening on http://localhost:3000/
```

## Contact page didn't look neat whatsoever.



localhost:3000/contact.html

[Home](#) [About](#) [Contact](#)

### Contact Details

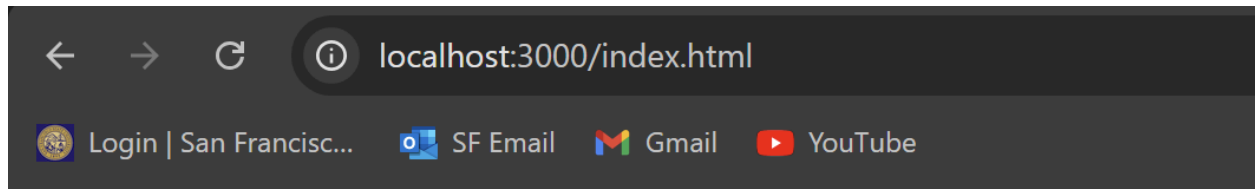
Fill out the following information below.

First Name:  Last Name:  Age:  Gender:  Email Address:  Phone Number:  Preferred Contact Method:  Street Address:  City:  State:  Zip Code:  Password:

## Fixed it by adding:

```
<style>
  form {
    max-width: 500px;
    margin: 0 auto;
    display: flex;
    flex-direction: column;
  }
</style>
```

Home Page(next page)



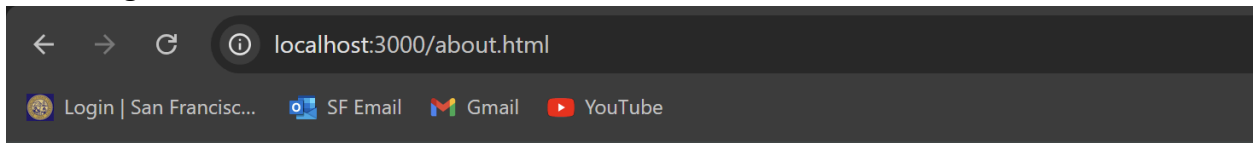
[Home](#) [About](#) [Contact](#)

**Welcome! This is the home page of a super basic website.**

Here are some random images lol:



## About Page



[Home](#) [About](#) [Contact](#)

## About Us

This is the about page for this website, here is some information.

My name is Aaron and I am a computer science major at SF State. I enjoy playing soccer and spending time with friends.

Here is my github username: aacarl

Student ID: 923444285

## Contact Page

[←](#) [→](#) [↻](#) [📄](#) localhost:3000/contact.html

[🌐 Login | San Francisc...](#) [📧 SF Email](#) [📧 Gmail](#) [📺 YouTube](#)

[Home](#) [About](#) [Contact](#)

### Contact Details

Fill out the follwing information below.

First Name:	<input type="text"/>
Last Name:	<input type="text"/>
Age:	<input type="text"/>
Gender:	<input type="text"/>
Email Address:	<input type="text"/>
Phone Number:	<input type="text"/>
Preferred Contact Method:	<input type="text"/>
Street Address:	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>
Zip Code:	<input type="text"/>
Password:	<input type="password"/>
<input type="submit" value="Submit"/>	

## index.html

```
<> index.html X
C: > Users > carlt > OneDrive > Desktop > assgn2_carltonA > public > <> index.html > ...
1  |<!DOCTYPE html>
2  <html>
3      <head>
4          <title>Home Page</title>
5      </head>
6      <body>
7          <nav>
8              <a href="index.html">Home</a>
9              <a href="about.html">About</a>
10             <a href="contact.html">Contact</a>
11          </nav>
12          <h1>Welcome! This is the home page of a super basic website.</h1>
13          <br>
14          <p>Here are some random images lol:</p>
15          <img src=getty_orange.jpg width=300><br>
16          <img src=gbgr.jpg width=300><br>
17          <img src=bridge.jpg width=300><br>
18      </body>
19  </html>
```

## about.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>About Page</title>
  </head>
  <body>
    <nav>
      <a href="index.html">Home</a>
      <a href="about.html">About</a>
      <a href="contact.html">Contact</a>
    </nav>
    <h1>About Us</h1>
    <br>
    <p>This is the about page for this website, here is some information.</p>
    <br>
    <p>My name is Aaron and I am a computer science major at SF State. I enjoy playing soccer and spending time with friends.</p>
    <br>
    <p>Here is my github username: aacarl</p> <br>
    <p>Student ID: 923444285</p>
  </body>
</html>
```



## contact.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Contact Page</title>
    <style>
      form {
        max-width: 500px;
        margin: 0 auto;
        display: flex;
        flex-direction: column;
      }
    </style>
  </head>
  <body>
    <nav>
      <a href="index.html">Home</a>
      <a href="about.html">About</a>
      <a href="contact.html">Contact</a>
    </nav>
    <h1>Contact Details</h1>
    <p>Fill out the follwing information below.</p>
    <form>
      <label for = "firstname">First Name:</label>
      <input type = "text" id = "firstname" name="firstname">

      <label for = "lastname">Last Name:</label>
      <input type = "text" id = "lastname" name="lastname">

      <label for = "age">Age:</label>
      <input type = "text" id = "age" name="age">

      <label for = "gender">Gender:</label>
      <input type = "text" id = "gender" name="gender">

      <label for="email">Email Address:</label>
      <input type = "email" id = "email" name="email">

      <label for = "phone">Phone Number:</label>
      <input type = "text" id = "phone" name="phone">
```

## contact.html(2)

```
<!DOCTYPE html>
<html>
  <head>
    <title>Contact Page</title>
    <style>
      form {
        max-width: 500px;
        margin: 0 auto;
        display: flex;
        flex-direction: column;
      }
    </style>
  </head>
  <body>
    <nav>
      <a href="index.html">Home</a>
      <a href="about.html">About</a>
      <a href="contact.html">Contact</a>
    </nav>
    <h1>Contact Details</h1>
    <p>Fill out the follwing information below.</p>
    <form>
      <label for = "firstname">First Name:</label>
      <input type = "text" id = "firstname" name="firstname">

      <label for = "lastname">Last Name:</label>
      <input type = "text" id = "lastname" name="lastname">

      <label for = "age">Age:</label>
      <input type = "text" id = "age" name="age">

      <label for = "gender">Gender:</label>
      <input type = "text" id = "gender" name="gender">

      <label for="email">Email Address:</label>
      <input type = "email" id = "email" name="email">

      <label for = "phone">Phone Number:</label>
      <input type = "text" id = "phone" name="phone">
```