

Name: _____

Mark: ____/100

Important Notes:

- **The assignment must be done individually. Do not share your work with others, it's not a group assignment**
- You can ask me if you can't understand any question only, I can just clarify it but I can't give an answer
- The assignment should be **submitted** (uploaded to your online private shared folder in your case it should be your **GitHub Account**) **before the due date** in order not to lose marks *(Please inform me if you have any issue in accessing your online private shared folder)*
- Follow the **exact naming rules** for all your assignment files as explained in the instructions and shown in the diagram
- **At the end of the assignment**, you should have a **folder named "YourFirstName-html-assignment"**
Example: If your name is: Martin Smith → The folder name will be: **"Martin-html-assignment"**
- **Upload the main folder of the assignment into your online private shared folder on OneDrive. Don't compress the folder just upload it to your private folder by choosing "Upload Folder" (unless if you need to send it by email)**

(5 Marks)

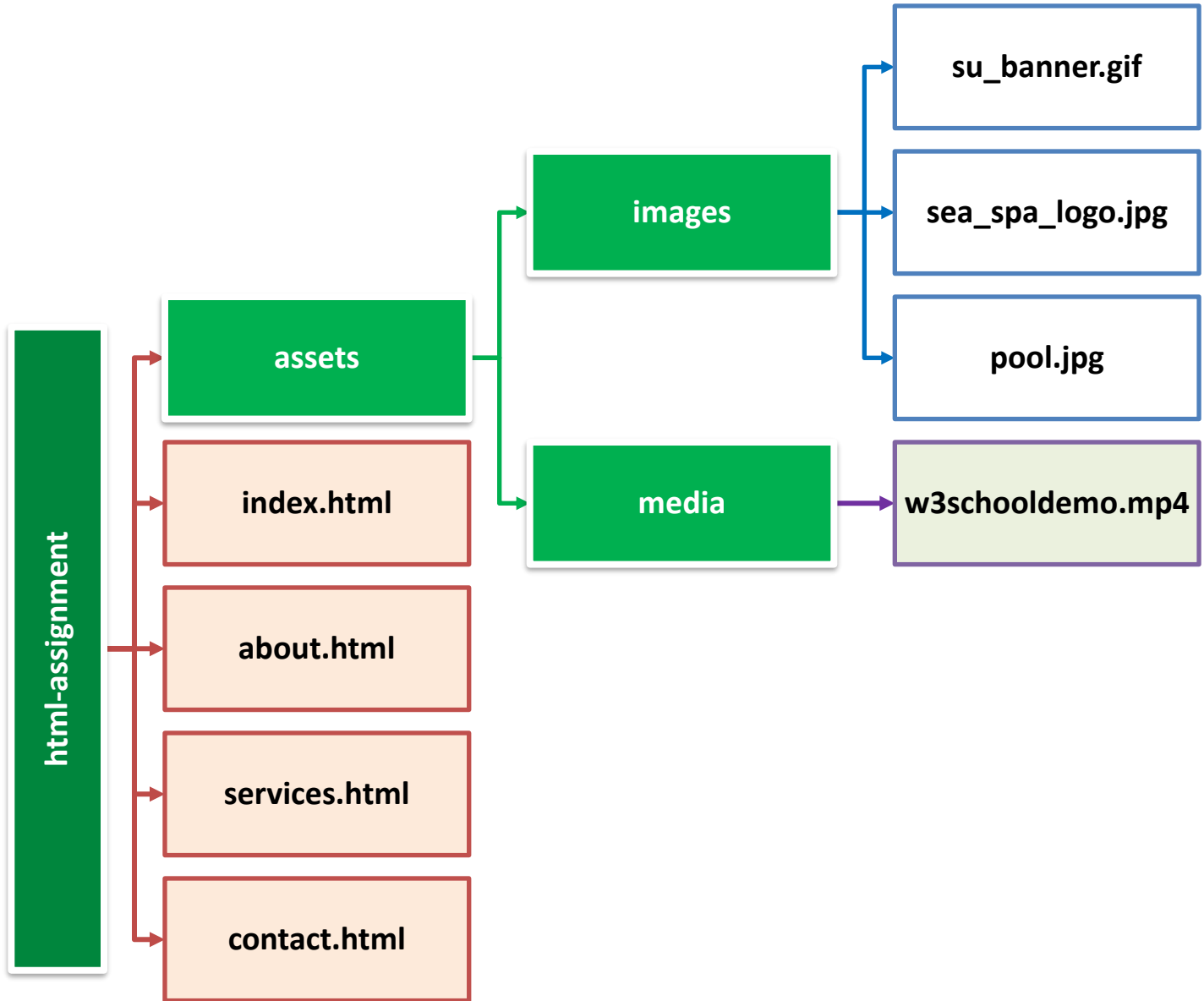
Assignment Contents:

- It will be a demonstration of your skills in creating a micro website of a fictional company that is consisted of 4 pages.
- You will write the entire assignment using only HTML language and no styling for now. The assignment is consisted of using the last version of HTML which is HTML5
- The assignment covers all the important and the basic HTML elements that we have covered in the class
- All the required files for the assignment like the images, videos, and audios will be provided to you
- You can also copy all the paragraphs and the titles from the pdf file the contains the assignment paragraphs

Assignment Instructions:

- All the assignment files and **subfolders** must be **inside** a **root folder** of your assignment **"html-assignment"**
- The website will be consisted of **4 html pages** as described below:
 - The **link name** in the navigation is **Home** and the **actual file name** is **index.html**
And so on for the rest of the pages:
 - **About Us:** **about.html**
 - **Our Services:** **services.html**
 - **Contact Us:** **contact.html**
- All the **images, audios, and videos** must be inside a subfolder folder named **"media"** and **"images"** which is inside **"assets"** folder *(Please refer to the diagram in the next page for more details)*
- Make sure to have your website folder structure like the diagram, **notice that the folders have green colours**
- **Any extra folders or unused files are NOT ALLOWED to be inside the assignment folder**

Assignment Folder Structure:



Please pay attention to the folder structure diagram:

- All the folders and files names are the actual names that must be used in your assignment (notice that the images files and the video files are given to you so you should not rename them)
- All the HTML files are inside the main assignment root folder **[NOT inside assets]**
- The folder “assets” is inside the main assignment root folder
- The two folders (images and media) are inside assets folder
- All the pictures’ files (images) are inside images folder
- The video file (w3schooldemo.mp4) is inside media folder

(10 Marks)

General Contents and Rules for All Pages:

1. All pages must have the following **HTML5 template** and **Element Layout**. You can use the VS Code to generate the **HTML5 boilerplate**:

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

<head>
  <meta charset="utf-8">
  <title>Page Title</title>
```

{ Add here meta elements for: author, content and description }

```
</head>
```

```
<body>
  <div class="container">
```

```
    <header>
```

```
<!--
The banner image (su_banner.gif) has to be here
[Check point 3 part 1]
-->
```

```
    <nav id="main-nav">
```

```
<!--
Place your main navigation items here as explained in the instructions
[Check point 3 part 2]
-->
```

```
    </nav>
  </header>
```

```
    <main class="content">
```

```
<!-- place your main page contents here as explained in the instructions
for each page -->
  </main>
```

```
    <footer>
```

```
<!-- place the footer content here -->
    </footer>
```

```
  </div>
</body>
</html>
```

2. Write an appropriate and short **title <title>** for **each page** based on your opinion when you start coding the next pages
3. All pages must have the **same main banner** and the **same navigation items** Inside the **<header>** element, complete (implement) the following two parts Inside the **<header>** element:
Part1: Insert the image **"su_banner.gif"**, **before the navigation (nav)** as explained in the code comment:

This image **"su_banner.gif"** will be the first child of **<header>** element



Part2: Inside the **<nav>** element (which represents the main navigation), write the following **unordered list** and **list items with their corresponding hyperlinks**:

- **Home** → Hyperlink to an HTML file named: **index.html**
 - **About Us** → Hyperlink to an HTML file named: **about.html**
 - **Our Services** → Hyperlink to an HTML file named: **services.html**
 - **Contact Us** → Hyperlink to an HTML file named: **contact.html**
4. Inside the **footer element <footer>**, write the following content in **one line**:
Copyright © 2019 Canadian Business College - HTML major assignment - created by: Your Full Name - All rights reserved
 5. All your code in all the pages must be **free of warnings and errors**. You can use the online tool of **W3C Markup Validator** website [<https://validator.w3.org>]. (**Note: Don't worry about the errors or the warnings that you might have when using iframe with google map if you can't avoid or correct them all or table border**)

HINTS:

- **Create the template (first) page with HTML5 required elements and the other shared elements like the header, nav, and footer**
- **Save it as index.html, validate it using W3C validator,**
- **Then save the file "index.html" as:**
 - **about.html**
 - **services.html**
 - **contact.html**
- **Write the content of each html page based on the assignment instructions**

(15 Marks)

Home Page ([index.html](#)):

This page should have the following contents with the same order (**a heading, a paragraph, an image, and a video**):

1. Heading 2:

Welcome to Our Amazing Spa → **Code Example:** `<h2> Welcome To Our Amazing Spa </h2>`

2. Paragraph:

Welcome to The Striped Umbrella — a full-service resort and spa just steps from the Gulf of Mexico and ten miles east of Crab Key, Florida. Come enjoy the best of both worlds, a secluded sandy beach populated with beautiful birds, yet a short drive down the road from world-class shopping, restaurants, and entertainment. Bring a good book and leave your laptop at the office. You won't want to go home.

3. Image:



4. Video:

Use the file "[w3schooldemo.mp4](#)":

- Set the width to 400px
- **Add Controls** (like play and speaker options)
- Load the **3-popular video file formats** that we discussed in our class

Notes:

- No need to have the 3 actual files in your folder or even converting the video file, just put their links in the code assuming that you have 2 more audio files beside the .mp4 file
- Also assume that these two files are also saved inside the media folder so make sure to set the source attribute in your code based on this assumption
- Make sure to provide an **alternative text** in case if the browser doesn't support HTML5 video with any descriptive text you prefer
- Don't make the video auto play (run automatically)
- Add a **poster image** to your video to be displayed as a background before playing the video



Note: Please be advised that this short movie was taken from W3Schools website to be used only to answer this assignment. Due to the copyright, this movie is not for any commercial use.

(15 Marks)

About Us Page ([about.html](#)):

This page should have the following contents with the same order:

1. Heading 2:

What you need to know about spa!

2. Paragraph:

A spa is a location where mineral-rich spring water (and sometimes seawater) is used to give medicinal baths. Spa towns or spa resorts (including hot springs resorts) typically offer various health treatments, which are also known as balneotherapy. The belief in the curative powers of mineral waters goes back to prehistoric times. Such practices have been popular worldwide, but are especially widespread in Europe and Japan. Day spas are also quite popular, and offer various personal care treatments.

3. List Items:

1. Origins of the term
 - a. Bathing in Greek and Roman times
 - b. Bathing in medieval times
 - c. Bathing in the 18th century
 - d. Bathing in the 19th and 20th centuries
2. Treatments
3. Recent trends
4. Types of treatments

- For this sub ordered list, you can use attribute "type" to have the value of "a" in order to get the letters (**Just for this assignment**).
- We will use CSS to style the ordered/unordered list later

Note: you will have to make points 1, 2, 3, and 4 to work as hyperlinks to the corresponding title within the same page (like the Wikipedia):

Hint: using id attribute

1. **Origins of the term** → linked to **heading 3: Origins of the term**
2. **Treatments** → linked to **heading 3: Treatments**
3. **Recent trends** → linked to **heading 3: Recent trends**
4. **Types of treatments** → linked to **heading 3: Types of treatments**

4. Heading 3:

Origins of the term

5. Paragraph:

The term is derived from the name of the town of Spa, Belgium, whose name is known back from Roman times, when the location was called Aquae Spadanae, sometimes incorrectly connected to the Latin word spargere meaning to scatter, sprinkle or moisten. The word spa itself denotes "fountain". Some experts also suggest that the word "spa" originated from the name of the Belgian town named Spa where a curative natural spring was discovered in the 14th century.

6. Heading 3:

Treatments

7. Paragraph:

A 'body treatment', 'spa treatment', or 'cosmetic treatment' is non-medical procedure to help the health of the body. It is often performed at a resort, destination spa, day spa, beauty salon or school.

8. Heading 3:

Recent trends

9. Paragraph:

In the modern world spa therapies are linked to various domains including beauty, pampering, indulgence, and health. Spa industry is thought to be growing at a significantly high rate, and most importantly it is observed to embrace wellness as its core business. By the late 1930s more than 2,000 hot- or cold-springs health resorts were operating in the United States.

10. Heading 3:

Types of treatments

11. Unordered list:

- Day spa, a form of beauty salon.
- Destination spa, a resort for personal care treatments.
- Spa town, a town visited for the supposed healing properties of the water.
- Foot spa

12. Paragraph:

To learn more about spa in general, you can visit the [Spa Page in Wikipedia](#).

Make these words “**Spa Page in Wikipedia**” a **hyperlink (Absolute Link)** to the spa page in Wikipedia website:

- The page should be **opened in a new tab** or a new window
- The link is: <https://en.wikipedia.org/wiki/Spa>

(15 Marks)

Our Services Page (**services.html**):

This page should have the following contents:

1. Heading 2:

What we can provide you!

2. Heading 3:

Massages

3. Definition list:

Definition title: Sports Massage

Definition data: Our deepest massage for tense and sore muscles. Not recommended for first-time massage clients.

The same structure

Swedish Massage

A gentle, relaxing massage. Promotes balance and wellness. Warms muscle tissue and increases circulation.

Hot Stone Massage

Uses polished local river rocks to distribute gentle heat. Good for tight, sore muscles. Balances and invigorates the body muscles. Advance notice required.

4. Table:

- **First two rows** inside the **<thead>** element
- The **last row** inside the **<tfoot>** element
- The **rest of the rows** (in between) inside the **<tbody>** element
- Add border to your table using the deprecated attribute for the border (Just for this assignment only)

Note: Please be advised that the table diagram below is just to show you the table structure (how many columns, how many rows, or the merged cells) and the content only. So, you don't need to worry about the width and the height of rows, columns, or the cells.

The service you need for your body			
Service	Description	Service	Description
Revitalizing Facial	A light massage with a customized essential oil blend that moisturizes the skin and restores circulation.	Gentlemen's Facial	A cleansing facial that restores a healthy glow. Includes a neck and shoulder massage.
Milk Mask	A soothing mask that softens and moisturizes the face. Leaves your skin looking younger.	Salt Glow	Imported sea salts are massaged into the skin, exfoliating and cleansing the pores.
Herbal Wrap	Organic lavender blooms create a detoxifying and calming treatment to relieve aches and pains.	Seaweed Body Wrap	Seaweed is a natural detoxifying agent that also helps improve circulation.
All these services are provided on daily bases			

(20 Marks)

Contact Us Page (**contact.html**):

This page should have the following contents:

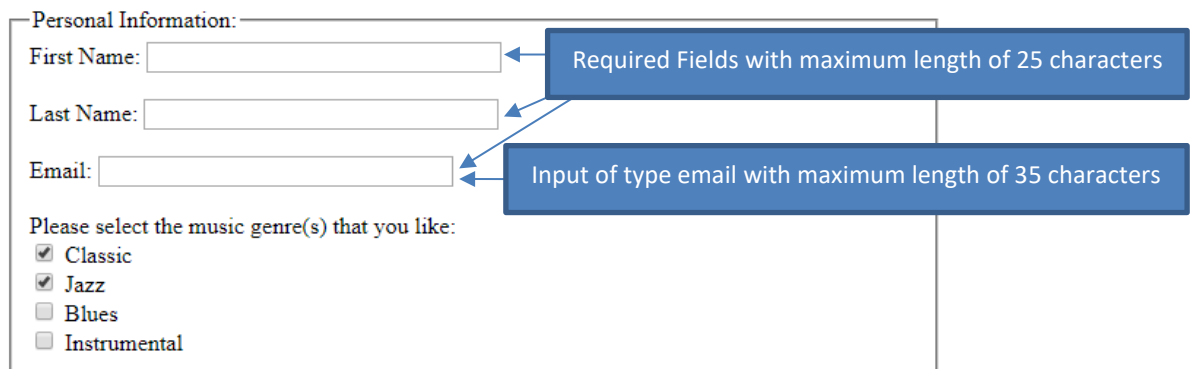
1. Heading 2:

Contact Us:

2. HTML Form:

- You will determine the appropriate attributes and their values
- Add the sign "*" beside the required fields labels like First Name:* even if it's now shown in the images below and the required fields are:
 - **First Name:** [Required Field + maximum characters = 25]
 - **Last Name:** [Required Field + maximum characters = 25]
 - **Email:** [Required Field + email input type + maximum characters = 35]

First Section <fieldset>: **Personal Information**



Personal Information:

First Name:

Last Name:

Email:

Please select the music genre(s) that you like:

☒ Classic

☒ Jazz

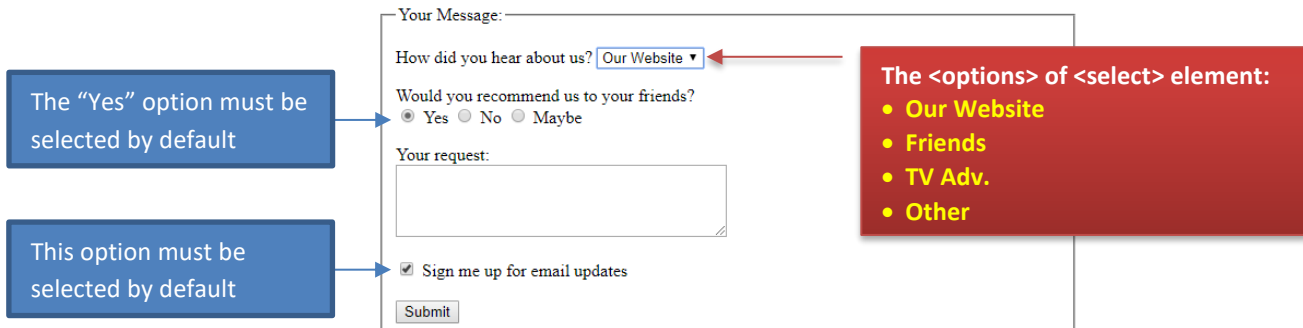
☐ Blues

☐ Instrumental

Annotations:

- Required Fields with maximum length of 25 characters (points to First Name and Last Name)
- Input of type email with maximum length of 35 characters (points to Email)

Second Section <fieldset>: **Your Message**



Your Message:

How did you hear about us?

Would you recommend us to your friends?

☒ Yes ☐ No ☐ Maybe

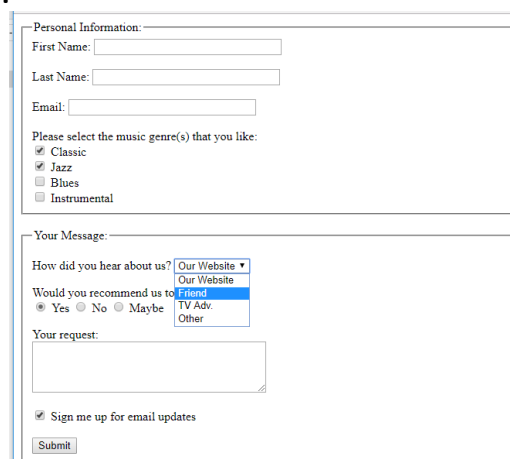
Your request:

☒ Sign me up for email updates

Annotations:

- The "Yes" option must be selected by default (points to Yes radio button)
- This option must be selected by default (points to Sign me up for email updates checkbox)
- The <options> of <select> element:
 - Our Website
 - Friends
 - TV Adv.
 - Other

Below is an image for the entire form:



Personal Information:

First Name:

Last Name:

Email:

Please select the music genre(s) that you like:

☒ Classic

☒ Jazz

☐ Blues

☐ Instrumental

Your Message:

How did you hear about us?

Would you recommend us to your friends?

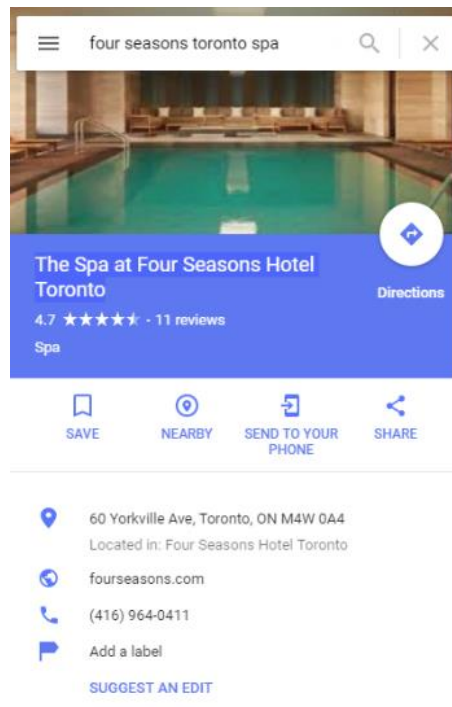
☒ Yes ☐ No ☐ Maybe

Your request:

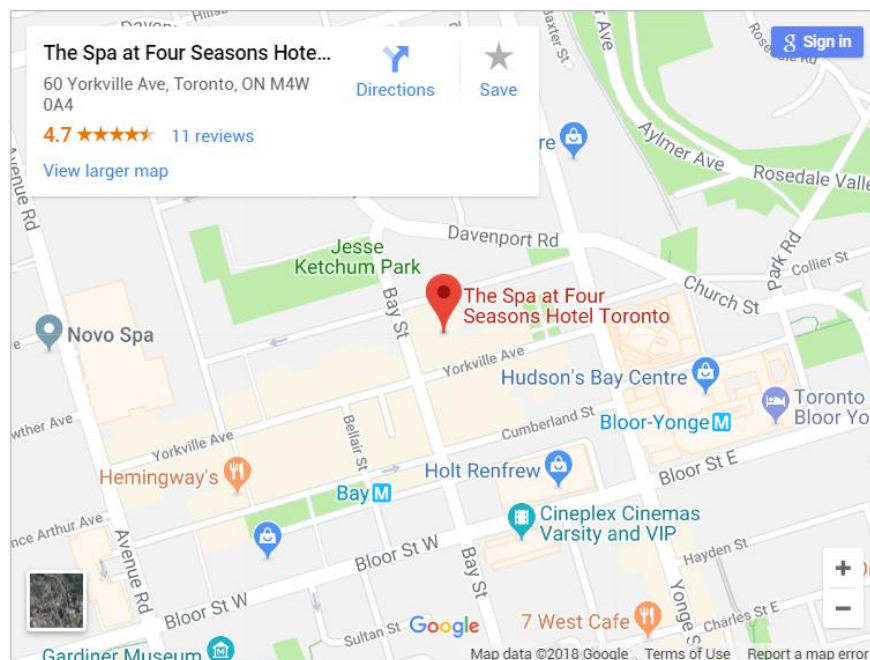
☒ Sign me up for email updates

3. Embedded Google Map with iframe:

- Use your favourite browser with **Google search engine** to search for “**four seasons Toronto Spa**” and customize your result for “**Maps**”:



- Embed the google map of that location into your page using iframe with any setting or attributes you prefer



(20 Marks)