Overview

The intent of this assignment is to demonstrate your mastery of HTML and CSS (no JavaScript).

Submitting

Put your assignment in a folder named assign1_*userid* (e.g., assign1_ealmasri). Put all resources used by your assignment into this folder. Compress your folder into a zip format (e.g. assign1_ealmasri.zip) and submit your compressed file via Canvas (Assignments → Assignment 1). You will lose marks if you do not follow these submission instructions (*this helps reduce time required for grading*).

Grading

The grade for this assignment will be broken down as follows:

Functionality	70%
Creativity	20%
Form Validation	10%

Non-Functional Requirements

You must submit valid and semantically appropriate HTML5.

You must create the **two HTML web pages** shown below in addition to a **CSS file**. You will be supplied with the necessary images (Canvas → Assignments → Assignment 1 → start.zip). You must use CSS for formatting; however, other than some floats, CSS positioning will not be necessary. The page does not have to be an exact match; *it should however be as close as possible* and look the same on the major browsers.

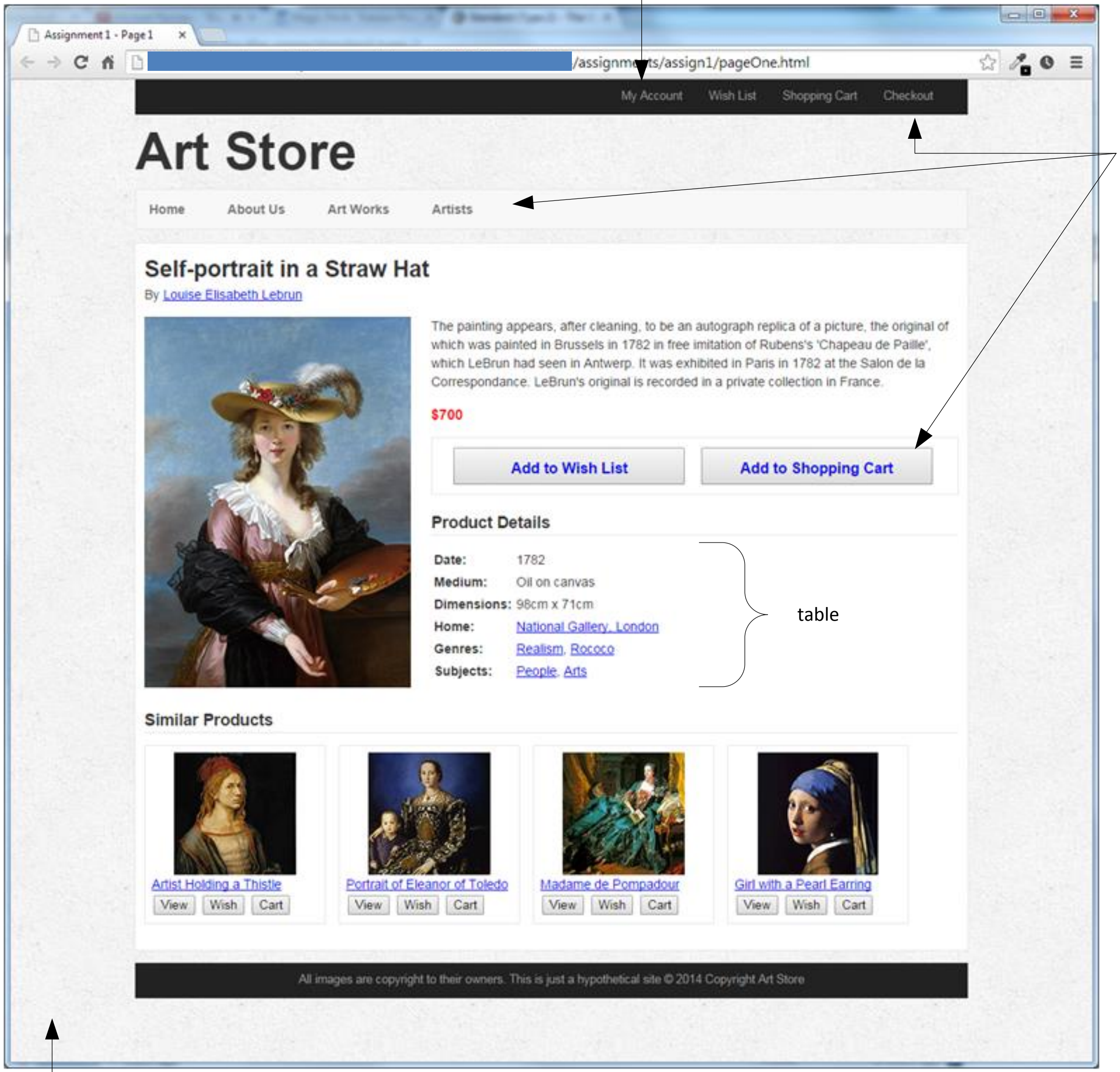
The two link menus must be lists with different hover behavior. For the dummy links, make the destination URL "#".

Both pages **must** use the same single **external** CSS file.

Page One

1. This file **must** be named pageOne.html.
2. It **must** use CSS floats to implement the side-by-side layouts

Link to pageTwo.html



Art Store

Self-portrait in a Straw Hat

By Louise Elisabeth Lebrun

The painting appears, after cleaning, to be an autograph replica of a picture, the original of which was painted in Brussels in 1782 in free imitation of Rubens's 'Chapeau de Paille', which LeBrun had seen in Antwerp. It was exhibited in Paris in 1782 at the Salon de la Correspondance. LeBrun's original is recorded in a private collection in France.

$700

Product Details

Date:	1782
Medium:	Oil on canvas
Dimensions:	98cm x 71cm
Home:	National Gallery, London
Genres:	Realism, Rococo
Subjects:	People, Arts

Similar Products

Artist Holding a Thistle

Portrait of Eleanor of Toledo

Madame de Pompadour

Girl with a Pearl Earring

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dummy links

table

Image background => assign1\images\stucco\stucco.png)

Page Two

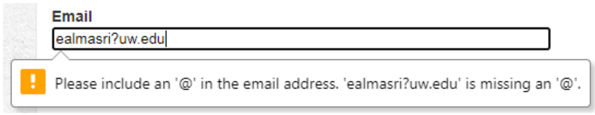
1. This file must be named pageTwo.html.
2. It must use a table to layout the form elements.
3. The form must use http://faculty.washington.edu/ealmasri/assign1.php as its action. Be sure to name the form elements as shown in the screen capture below.
4. Use the correct form element types. Remember that some of the HTML5 elements look different in different browsers. (The screen captures are from Chrome).
5. Your form must use at ***least three different*** HTML5 built-in validation form handling rules with displaying appropriate messages preventing users from submitting the form without filling/selecting form fields with acceptable input values.

   Please visit the following URL for more information on HTML5 input validation from Mozilla.org: https://developer.mozilla.org/en-US/docs/Learn/Forms/Form_validation.

> What is HTML5 form validation?
>
> Forms are web page component that uses form controls such as text fields, drop down menus, range controls, color pickers, among many others. Users can interact with the form through these controls providing data that can then be processed on the web server when a form is submitted. Validating users' entries through these form elements (e.g. submitting non-null values for a password text field) can be done through the browser prior to the data is transmitted to the web server. JavaScript has extensive support for form validation in HTML. Yet, W3C introduced client-side validation in HTML5 that does not require server-side scripting nor JavaScript.

Here are few sample examples:

Preventing users from entering invalid email format:

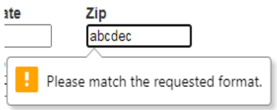


Email

ealmasri?uw.edu

Please include an '@' in the email address. 'ealmasri?uw.edu' is missing an '@'.

Preventing users from entering invalid zip code format



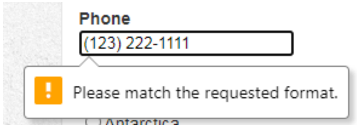
ate

Zip

abcdec

Please match the requested format.

Preventing users from entering invalid phone format (NNN-NNN-NNNN):



Phone

(123) 222-1111

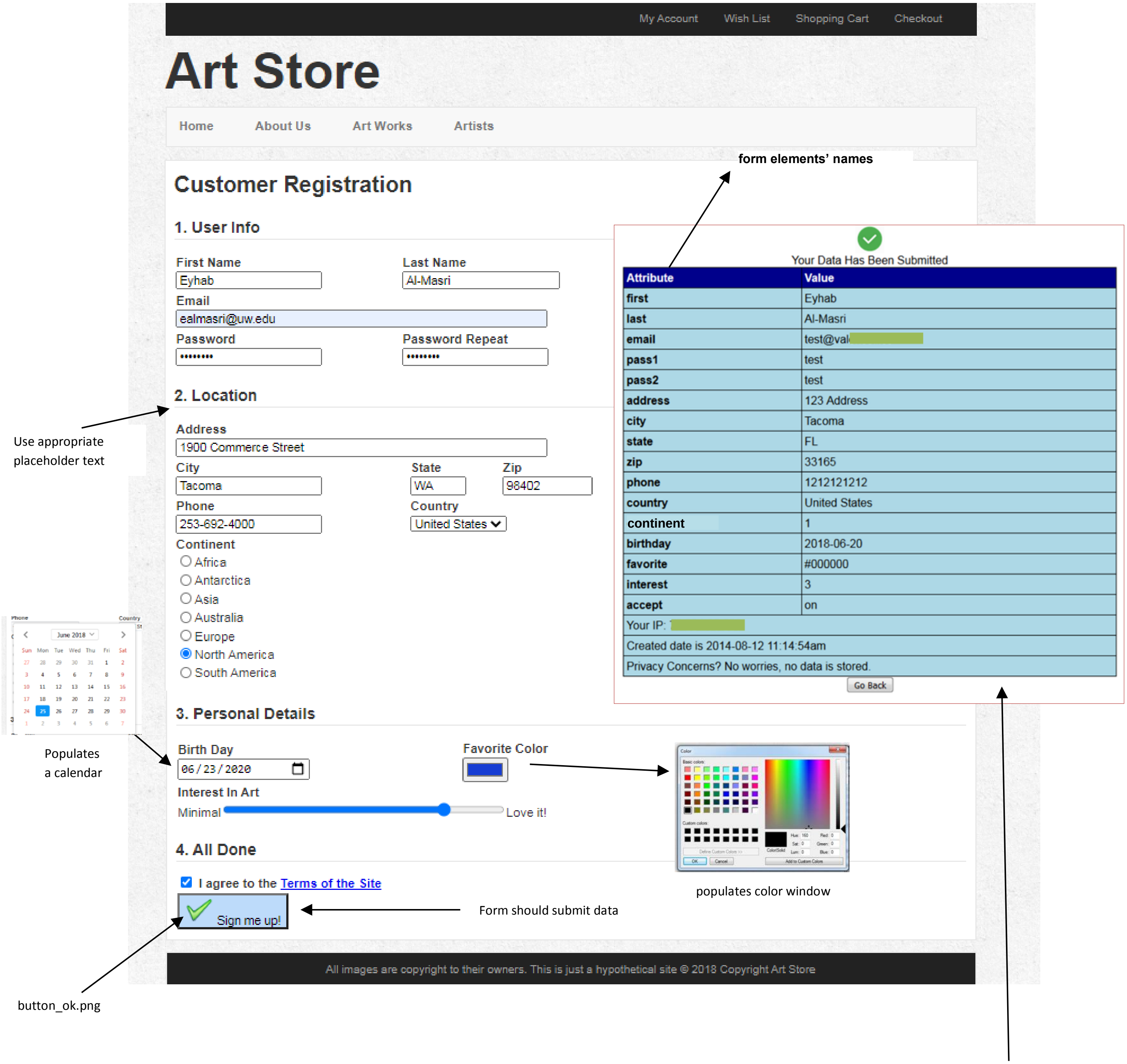
Please match the requested format.

Antarctica

Some Helpful Links:

- The W3C HTML5 recommendation documentation: https://www.w3.org/TR/html52/sec-forms.html#sec-forms
- Below is a tutorial on HTML5 form input validation that you may find useful. https://html5-tutorial.net/form-validation/how-validation-works/
- The following link provides the browsers that support HTML5 form validation. https://caniuse.com/#feat=form-validation
- Regular Expression Library (helpful to generate regular expression patterns online where you can search for a pattern (e.g. phone) and it will provide suggestions on using the regex pattern http://regexlib.com/

mockup for pageTwo.html web page



Customer Registration

1. User Info

First Name: Eyhab	Last Name: Al-Masri
Email: ealmasri@uw.edu	
Password: ••••••••	Password Repeat: ••••••••

2. Location

Address: 1900 Commerce Street		
City: Tacoma	State: WA	Zip: 98402
Phone: 253-692-4000	Country: United States	

Continent

○ Africa
○ Antarctica
○ Asia
○ Australia
○ Europe
● North America
○ South America

3. Personal Details

Birth Day: 06/23/2020

Favorite Color

Interest In Art: Minimal — Love it!

4. All Done

☑ I agree to the Terms of the Site

Sign me up!

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Your Data Has Been Submitted

Attribute	Value
first	Eyhab
last	Al-Masri
email	test@val[redacted]
pass1	test
pass2	test
address	123 Address
city	Tacoma
state	FL
zip	33165
phone	1212121212
country	United States
continent	1
birthday	2018-06-20
favorite	#000000
interest	3
accept	on
Your IP: [redacted]	
Created date is 2014-08-12 11:14:54am	
Privacy Concerns? No worries, no data is stored.	

form elements' names

Use appropriate placeholder text

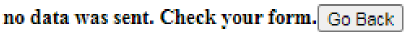
Populates a calendar

populates color window

Form should submit data

button_ok.png

The attribute names in the sample output from submitting the form should match the form element names in pageTwo.html. In case you receive the following message when submitting the form, this indicates that a value for one of the form elements is missing.



no data was sent. Check your form.