

CET2045 - Web Programming - Practicum

02

Topics Covered: CSS

Learning Objectives:

- Familiarize with basic CSS. This includes
 - Styling html elements using CSS
 - Using CSS to style a landing page
 - Target elements using classes and IDs
 - How to ensure responsiveness using CSS
- Apply CSS coding best practices such as
 - proper and consistent naming conventions
 - proper CSS structure throughout

Deliverables:

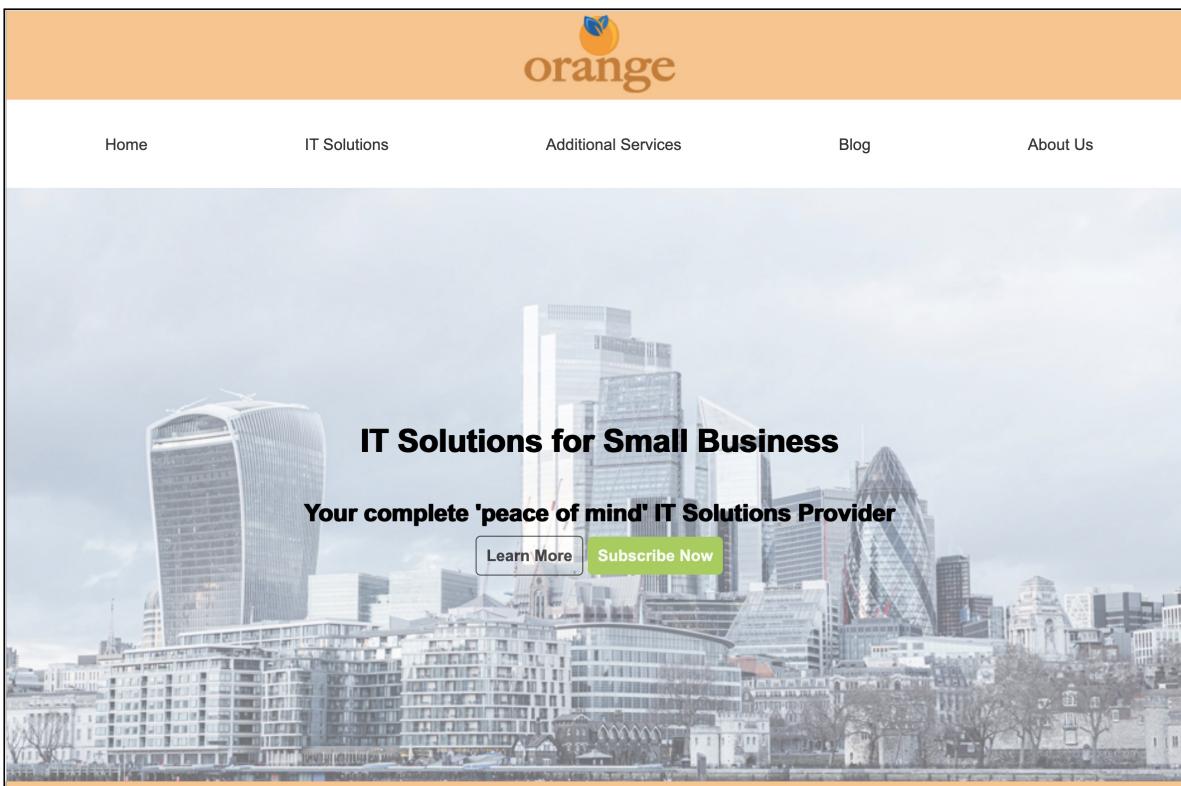
- Submit a single css file called `CET2045_P02_<Your_Name>.css` (e.g. `CET2045_P02_John_Doe.css`).

Background

IT company Orange Pte Ltd is building a landing page. However part of the CSS styling is incomplete. The designer has provided a images of how the page should look after implementing all the necessary styling. It is a responsive page and should render differently on small screens such as mobile phones.

Task

You are given a zip file consisting of a html file, a CSS file and some images in an "image" folder. A basic CSS page has already been provided to you. You should build up the required elements into this css file based on the instructions in order to create a website that looks like the following when viewed on a desktop browser:



orange

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As it is a responsive design, it should look like this on a small screen (880px and lesser):

use media queries

Note: these 2 images (orange_desktop.jpg and orange_mobile.jpg) are provided.

Requirements

- You should not remove or modify any existing code from the CSS page that is provided to you.
- Do not attempt to change anything from the html file, you will only be graded based on your CSS code.
- The hero image is defined as a large banner image, prominently placed on a web page, generally in the front and centre. Add the styling for the hero image using CSS such that it is responsive and adjusts nicely for large and small screens.
- The navigational elements should be inline and visible on desktop browsers. The navigation links do not need to do anything when clicked, this is acceptable for this practicum.
- On smaller screens, the navigation menu items should be replaced by the "hamburger" icon. The navigation icon does not need to do anything when clicked, this is acceptable for this practicum.
- Likewise, the form should display as shown in the desktop and mobile images but it does not have to work as this is meant to be a styling exercise.
- On a desktop, note that the 3 elements in the orange background section appear all in 1 row due to the landscape nature of desktop screens. Mobile screens will result in each of the elements filling up the full width for a better mobile experience.
- You may use a method of your choice to achieve responsiveness for this website. Flexbox and float are popular methods to achieve this.
- As it is suppose to be a responsive design, do not use absolute pixels as much as possible when styling the page
- As a responsive page, you should have a minimum of 1 breakpoint at 880px width. This means that when the width is 880px and lower, the styling for mobile screens should take effect
- As Chrome is the most popular browser, compatibility is based on the Chrome browser.

For the maximum allocation of marks, refer to the table below.

Description	Marks (%)
Successful implementation of navigation bar	15
Successful implementation of Hero Image	15
Successful implementation of "Business" section	30
Successful implementation of "Contact" section	20
Proper and consistent naming conventions.	5
Proper css structure is maintained	15

Once you have completed, save your file in the following format `CET2045_P02_<Your_Name>.css`
e.g. `CET2045_P02_John_Doe.css`.