COMP 9782 Programming Fundamentals

Lab-2-1 - HTML fundamental hands-on exercises. (8% of the course mark)

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Student Number:

HTML Labs is a hands-on lab designed to teach the fundamentals of HTML (Hypertext Markup Language), the backbone of web development. The series of tasks will allow the students to practice and reinforce the HTML concepts covered in class.

Lab objectives:

- 1. Gain a solid understanding of HTML syntax, elements, and attributes.
- 2. Learn how to create well-organized and semantically correct web pages.
- 3. Learn to create forms for user input and data submission.

Lab Prerequisite:

- 1. Download and extract the Lab-2-1.zip file from D2L.
- 2. Navigate to the directory where the files were extracted.
- Rename the files (HTML and CSS) and append your first name and last name at the beginning of the file.

From	То
 Calendar_Template.html Calendar_Template.css PizzaOrdering_Template.html PizzaOrdering_Template.css Resume_Template.css Resume_Template.html 	 Yourfirstname_YourLastname_Calendar_Templ ate.html Yourfirstname_YourLastname_Calendar_Templ ate.css Yourfirstname_YourLastname_PizzaOrdering_T emplate.html Yourfirstname_YourLastname_PizzaOrdering_T emplate.css

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Where Yourfirstname_YourLastname is your actual first name and last name.

Resume to HTML Resume:

- 1. Review the resume template text file **Resume_Template.txt** to see the requirements.
- On the top of the renamed Resume_Template.html and Resume_Template.css files from the Lab Prerequisite make sure you add comments similar to Lab-1-2.
- Make the necessary changes on the renamed Resume_Template.html from the Lab
 Prerequisite. For example the title tag text needs to be relevant and the stylesheet href value should reflect the values from the Lab Prerequisite.
- 4. Add the HTML content to the renamed Resume_Template.html file from the Lab

 Prerequisite based on the resume template text file by using VSCode.

HTML Calendar:

- 1. On the **top** of the renamed **Calendar_Template.html** and **Calendar_Template.css** files from the **Lab Prerequisite** make sure you add **comments similar** to **Lab-1-2**.
- Make the necessary changes on the renamed Calendar_Template.html from the Lab
 Prerequisite. For example the title tag text needs to be relevant and the stylesheet href value should reflect the values from the Lab Prerequisite.
- Add the HTML content to the renamed Calendar_Template.html file from the Lab
 Prerequisite to match the sample output below.

September 2023									
Sun	Mon	Tue	Wed	Thu	Fri	Sat			
					1	2			
3	4	5	6	7	8	9			
10	11	12	13	14	15	16			
17	18	19	20	21	22	23			
24	25	26	27	28	29	30			

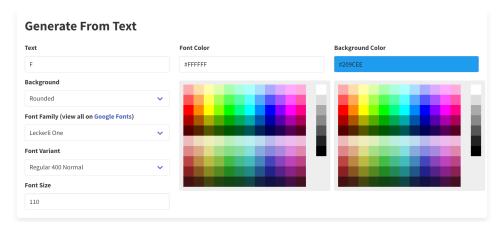
Pizza Order Form:

- On the top of the renamed PizzaOrdering_Template.html and
 PizzaOrdering_Template.css files from the Lab Prerequisite make sure you add
 comments similar to Lab-1-2.
- Make the necessary changes on the renamed PizzaOrdering_Template.html from the
 Lab Prerequisite. For example the title tag text needs to be relevant and the stylesheet
 href value should reflect the values from the Lab Prerequisite.
- 3. Open the renamed PizzaOrdering_Template.html from the Lab Prerequisite via VSCode.
- 4. Look for: <!-- Form start --> and below copy the form opening code: <form action="https://wp.zybooks.com/form-viewer.php" method="POST">
- 5. Look for: <!-- Form end --> and below copy the form closing code: </form>
- 6. Look for: <!-- Enter submit button here --> and below copy the submit button code: <input type="submit" class="buttonCustom" value="Place Order" />
- 7. Add the **HTML content** to match the sample output below.



Favicon:

1. Navigate to: https://favicon.io/favicon-generator





- 2. Customize the favicon and click on download
- 3. Locate the downloaded zip file and extract.
- 4. Copy the file **favicon-16x16.png** and paste it to the **same directory** as the lab **.html** files.
- Open the .html files from the Lab Prerequisite using VSCode and look for rel="stylesheet", below it add this code k rel="icon" href="favicon-16x16.png" />
- 6. Open the .html files from the Lab Prerequisite to verify that the favicon is now added.

 Place a screenshot below showing the favicon.