

## TC2026 Web Applications Development

### Lab #2

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Look at the following webpage:

The screenshot displays the Philip Henstowe Classic Theatre website. At the top, a navigation bar includes links for home, plays, tickets, calendar, about PHCT, and support. Below this is a header image of two actors in period costume, with the theatre's name in a cursive font. A banner text states: "The upcoming season promises to be our best one yet. [Order](#) your tickets now for the plays shown below."

The main content area lists four plays, each with a summary, cast & staff, and news & reviews. Each play entry has a sub-navigation bar with links for summary, tickets, cast & staff, news & reviews, and company notes.

- The Merry Wives of Windsor**  
Corpulent mooch and layabout Sir John Falstaff decides his path to riches lies in finding a wealthy woman to woo. He sets about writing identical love letters to two married ladies in Windsor and though the letters fail to have their intended effect, the ladies find it excellent sport to pretend to play Falstaff's game. The result is a hilarious study of marriage and fidelity in one of Shakespeare's most popular farces.  
Written By: William Shakespeare  
Directed By: Angela Drake
- A Streetcar named Desire**  
Aging southern beauty Blanche DuBois heads to New Orleans to stay with her sister Stella and her quick-tempered husband Stanley. Blanche's frailty and unstable mental state mixed with Stanley's violent temper make an explosive combination leading to a shocking climax. A memorable story of love, hatred, and the quest for lasting redemption.  
Written By: Tennessee Williams  
Directed By: Stefan Arnaud
- Othello**  
Esteemed general and leader Othello has won the heart of the lovely Desdemona; but not everyone is happy. Iago, perhaps Shakespeare's most fully realized villain, whispers that Desdemona is unfaithful to play upon Othello's jealousy and self-doubt. Can Iago turn Othello's distrustful temperament against him and bring him down? Love and jealousy fight to the death in this classic tragedy.  
Written By: William Shakespeare  
Directed By: Arlen Peters
- The Importance of Being Earnest**  
John Worthing, a carefree young gentleman has a fictitious brother, "Ernest," whose wicked ways afford John an excuse to leave his country home and journey to London. John's friend in London, Algernon Moncrieff, has a cousin Gwendolen whom John has wooed under the name of Ernest. Yet Gwendolen's mother, Lady Bracknell, refuses to approve the proposed marriage unless John/Ernest can come up with parents of a more respectable nature than a handbag found at Victoria Station. Confused? Don't worry it all comes out well in Wilde's popular and witty play of love, marriage, and manners.  
Written By: Oscar Wilde  
Directed By: Karen Templeton

At the bottom, contact information is provided: Philip Henstowe Classic Theatre • 20132 Mountain Dr. • Coeur d'Alene, ID 83814 • 208.555.1067

The content and layout of the page has already been created for you. Your job will be to create a stylesheet for the typography of the page.

Complete the following:

1. Using your editor, open the **ph\_plays\_txt.html** and **ph\_styles\_txt.css** files from the case1 folder. Enter your name and the date in the comment section of each file and save them as **ph\_plays.html** and **ph\_styles.css** respectively.
2. Go to the **ph\_plays.html** file in your HTML editor, and within the document head create links to the **ph\_layout.css** and **ph\_styles.css** style sheet files.
3. Go to the **ph\_styles.css** file in your editor, and at the top of the file before the comment section, define the character encoding used in the document as utf-8.
4. The owner of the website has several web fonts that he wants used for the titles of the plays produced by the company. Search for the adequate fonts in the web and use them in the webpage.
5. Set the background colors.
6. Create a style rule for every paragraph that sets the margin space to 0 pixels and the padding space to 5 pixels on top and 25 pixels on the right, bottom, and left.
7. For paragraphs that are direct children of the body element, create a style rule that sets the font size to 1.1em and horizontally centers the paragraph text.
8. Create a style rule for the address element that sets the font style to normal with a font size of 0.9em, horizontally centered on the page. Set the top and bottom padding to 10 pixels.
9. Next, you'll format the appearance of navigation lists on the page. Go to the Navigation Styles section and set the top and bottom padding to 10 pixels.
10. For every unvisited and previously visited hypertext link within a nav element, set the text color to white, remove underlining from the link text, and set the background color to the semi-transparent value `hsla(0, 0%, 42%, 0.4)`.
11. For every active or hovered link in a nav element, set the text color to the semi-transparent value `hsla(0, 0%, 100%, 0.7)` and set the background color to the semi-transparent value `hsl(0, 0%, 42%, 0.7)`.
12. Go to the styles section and write the missing styles to create the desired webpage.