

PE TEST SUMMER 2025 – WED201c

Time: 90 minutes

Description:


- You are given a given material named "Books".
- Use all content in the material including: the index.html file, the style.css file, the script.js file, and all image files in the images folder.
- **Do not use Bootstrap or any other CSS framework.**

Interface before modification:


Bookstore

[Home](#)
[Books](#)
[Categories](#)
[About Us](#)
[Contact](#)

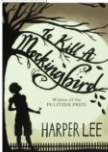
Featured Books



Harry Potter and the Sorcerer's Stone
J.K. Rowling
The first book in the beloved Harry Potter...
\$19.99
[Add to Cart](#)




The Great Gatsby
F. Scott Fitzgerald
A novel set in the Jazz Age, it explores themes of wealth...
\$24.99
[Add to Cart](#)



To Kill a Mockingbird
Harper Lee
A powerful story set in the American South, it tackles issues...
\$15.99
[Add to Cart](#)



1984
George Orwell
A dystopian novel that depicts a totalitarian regime...
\$19.99
[Add to Cart](#)



The Catcher in the Rye
J.D. Salinger
Narrated by the teenage protagonist Holden Caulfield...
\$29.99
[Add to Cart](#)

The Importance of Reading Culture

Reading is a fundamental skill that enriches our lives in countless ways. It expands our knowledge, broadens our perspectives, and fosters empathy. A strong reading culture within a society promotes:

- Lifelong Learning:** Reading cultivates a thirst for knowledge and encourages continuous learning.
- Critical Thinking:** Engaging with diverse texts helps us analyze information and develop critical thinking skills.
- Creativity and Imagination:** Reading exposes us to new ideas and worlds, sparking our creativity and imagination.
- Communication Skills:** Reading improves our vocabulary, grammar, and writing abilities.
- Empathy and Understanding:** By immersing ourselves in different narratives, we gain a better understanding of diverse perspectives and cultures.

How to Promote Reading Culture

There are many ways to promote a vibrant reading culture:

- Make books accessible:** Ensure that books are readily available in libraries, schools, and communities.
- Encourage reading from a young age:** Foster a love of reading in children through storytelling, read-alouds, and access to age-appropriate books.
- Create reading communities:** Book clubs, reading groups, and online forums can provide opportunities for people to share their reading experiences and engage in discussions.
- Support authors and publishers:** Recognize the value of writers and publishers in creating and disseminating knowledge and stories.
- Utilize technology:** E-books and audiobooks can make reading more accessible and convenient for many people.

By valuing and promoting reading, we can create a more informed, engaged, and compassionate society.

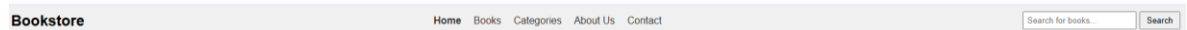
© 2024 Online Bookstore

REQUIREMENT 1: (30 points)

Add the necessary CSS in the style.css file (from line 32 to 40)

```
31  /* REQUIREMENT 1 */
32
33  /*CODE YOUR CSS HERE!*/
34  /*CODE YOUR CSS HERE!*/
35  /*CODE YOUR CSS HERE!*/
36  /*CODE YOUR CSS HERE!*/
37  /*CODE YOUR CSS HERE!*/
38  /*CODE YOUR CSS HERE!*/
39
40  /* END REQUIREMENT 1 */
41
```

to achieve the following menu bar:



REQUIREMENT 2 (20pts)

Add the necessary CSS in the style.css file from line 69 to 75

```
66
67  /* REQUIREMENT 2 */
68
69  /*CODE YOUR CSS HERE!*/
70  /*CODE YOUR CSS HERE!*/
71  /*CODE YOUR CSS HERE!*/
72  /*CODE YOUR CSS HERE!*/
73  /*CODE YOUR CSS HERE!*/
74  /*CODE YOUR CSS HERE!*/
75  /*CODE YOUR CSS HERE!*/
76
77  /* END REQUIREMENT 2 */
78
```

to achieve the following result:



REQUIREMENT 3 (15pts):

Add the necessary CSS in the style.css file within the classes of the book detail section to achieve the following result:

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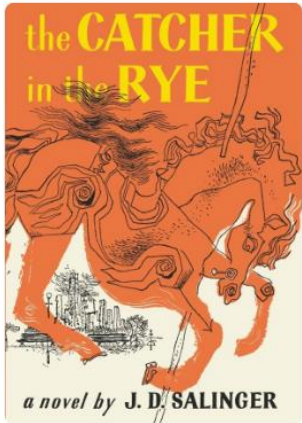
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REQUIREMENT 4 (35 pts):

In the modal box when clicking on each part of the book, add the necessary Javascript to be able to calculate the Total when entering the quantity in the green box and clicking on the calculate button.



The Catcher in the Rye

J.D. Salinger

\$29.99

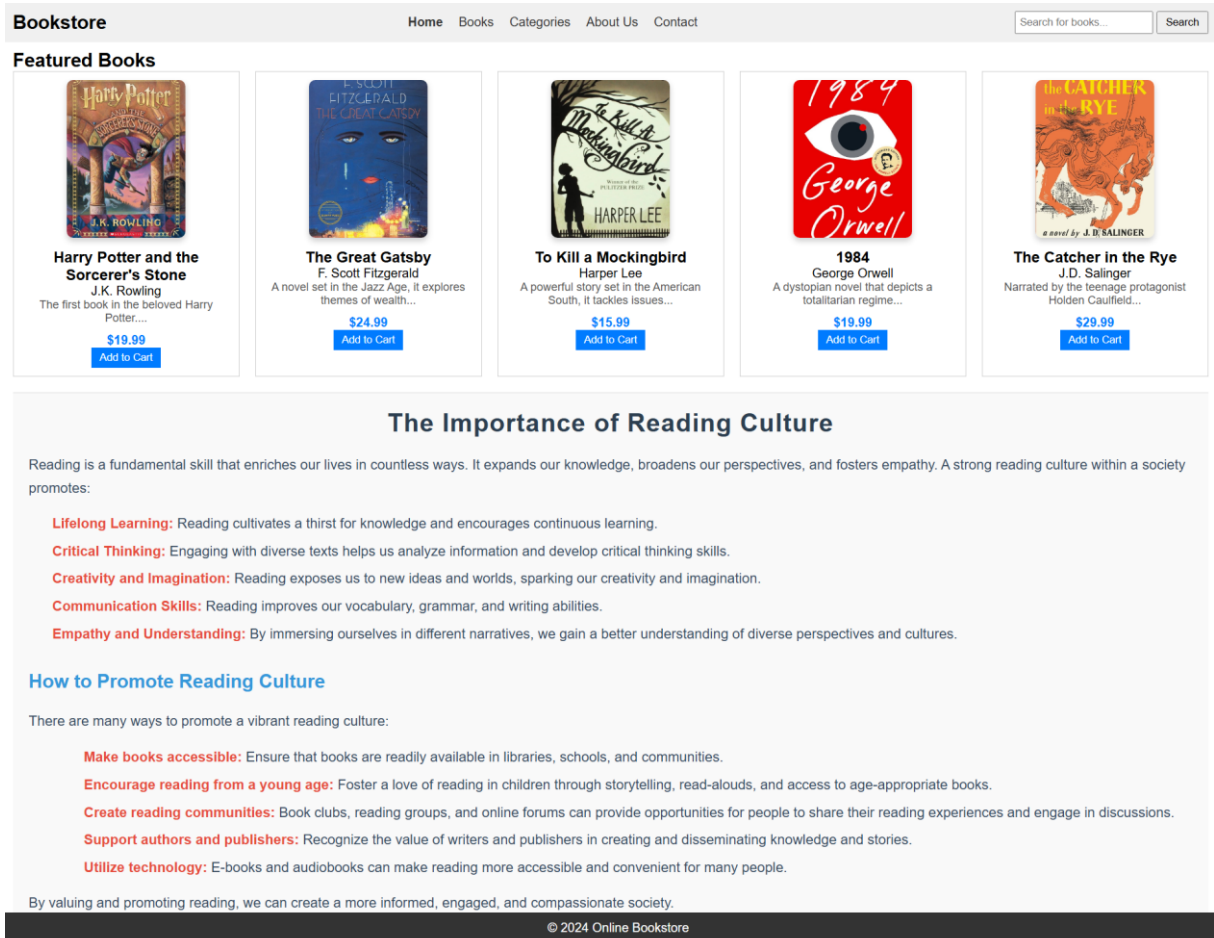
Narrated by the teenage protagonist Holden Caulfield...

Calculate Total

Price per book: \$29.99

Total: \$3328.89

The result should look like the image below



Hints:

REQUIREMENT 1:

- display (e.g., flex, inline-block)
- list-style (to remove default list styling)
- margin and padding (for spacing)
- text-decoration (to style links)
- color (for text color)

REQUIREMENT 2:

- display (e.g., grid, flex)
- width and height
- text-align
- font-size

REQUIREMENT 4 (JavaScript Calculation):

- You'll need to use JavaScript to:
 - Get the quantity value from the input field.
- Get the price of the book (this might be stored in the DOM or in a JavaScript variable).
 - Perform the calculation (total = quantity * price).

- Display the result in the designated area.
- Key JavaScript concepts:
 - `document.getElementById()` or `document.querySelector()` to select elements.
 - `addEventListener()` to handle the "calculate" button click.
 - `parseInt()` or `parseFloat()` to convert input values to numbers.
 - `textContent` or `innerHTML` to update the content of an element.

----- **THE END** -----