

ITSE 2302 – Program 11

All of the assignments in this course must be uploaded to Bb **and** *published to your student website*. Use the numbered list below **and** the Common Requirements as a confirmation checklist.

- Complete the steps described at the Website Setup & Publishing link in the “Assignments” section in Bb.
- Use the course material located at
 - [HTML Tutorial](#) , [CSS Tutorial](#) , [JavaScript Tutorial](#) , [PHP Tutorial](#)
- Program 11 can be completed using content from these tutorial sections:
 - HTML HOME – PHP SimpleXML – Get
 - PHP XML Expat & PHP XML DOM not used (can skip for exam)
 - **JS Window – JS Cookies** (from the JavaScript Tutorial)
- Develop the page/site for your user – Communicate with your user.

**Need
this.**



Requirements (remember to identify the requirements by #number):

Note: the requirements below refer to the index.php within the program-## folder unless otherwise stated. Code requirements refer to PHP unless otherwise stated.

1. The Program 11 link on your top-level page should open an index.php page in the program-11 folder. Include 20 divs of various sizes and various colors on the page.
2. Use the window.location object to display the URL of the current page. Include back and forward buttons on the page. Display status of the browser’s cookie enabled setting. Display status of browser’s Java enabled setting.
3. Create an xml file named divcolors.xml which contains <div1> <color1> through <div20><color20>. Button – read the xml data in the file and use it to change the colors of the 20 divs on the page to those specified by the xml data in the file.
4. Use JavaScript timing to change the colors randomly of the divs based on a timer setting entered by the user. Can use a control of your choice to

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obtain timing frequency from the user. Button – toggle the timed color change on and off. Note: see previous program for code to generate random colors.

5. Use SimpleXML – Get to retrieve a few color values of selected divs from the divcolors.xml file.
6. Display the width and height of the user screen (monitor) size.
7. Use the window.location object to load a new document with the URL set to “http://www.codeandtheory.com/”.
8. We worked with cookies using PHP in Program 08. Now, use JavaScript to create and delete 2 cookies. Include buttons to create and buttons to delete.

TEST – TEST – TEST your website to ensure the requirements are met.

1. Use the list above **and** the Common Requirements as a confirmation checklist.
2. Not meeting all requirements = 0 points for the assignment.
3. Complete the appropriate Program ## confirmation in Bb by the due date.
4. Upload your .zip file to Bb under the appropriate Program ## link by the due date.
5. Ensure your assignment functions correctly on your student website and that all requirements are identified by “#XX”.
6. Remember to study for the exam. Distributing learning over time is far superior than panic-study in close proximity to the exam date.