

ITSE 2302 – Program 08

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 08 can be completed using content from these tutorial sections:
 - HTML HOME – PHP Exception
- Develop the page/site for your user – Communicate with your user.

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

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

1. The Program 08 link on your top-level page should open an index.php page in the program-08 folder. Include a PHP header “include” the displays the date and time of page access. Name that file header.php. Include a PHP footer “include” that displays a copyright message in which the year updates automatically. Name that file footer.php.
2. Create an include file named menu.php that lists links to five of the top restaurants in Austin. Include this file on your page.
3. Include a 4-row by 5-column multi-dimensional array. The rows consists of regions in the U.S.: North, South, East, West. The columns consists of the top-five best selling foods in each region (do a little research to approximate the food data). Hard code the data in the array and display it as “North” (followed by the foods for that region) and so on for all regions.
4. Create a folder named “files”. Create a text file with a list of well-known Austin street names and publish that file to your website. Create a text file with a string description of each of the well-known Austin street names

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and publish that file to your website. Using the 2 files, read from the files and display the contents like the following:

- a. “Congress – Main north and south city thoroughfare”
- b. “Second – Active restaurant and café scene.”
- c. etc.

NOTE: Information about different [line endings in Windows v. Linux](#).

5. Ask the user to enter the names of 4 Austin landmarks and store the names in a file.
6. Include code to upload a file to the files folder. Limit the file size to 100Kb and limit the file type to .txt.
7. Create a cookie that:
 - a. is downloaded to the client
 - b. expires in one year

When the page is loaded, check for the existence of the cookie and display the cookie name and value if the cookie exists.

8. Set two session variables (city and state) on index.php. Include a button that opens a new page (session_display.php) that displays the session variable names and values. Include an HTML element of your choice that navigates back to index.php.
9. Create a function that displays all PHP filters. Call the function.
10. Ask the user to enter an email address and a URL. Use PHP filters to sanitize and validate both email and URL.
11. Ask the user to enter a file name for opening (the user expects the file to be on the server). Display the contents of the file if it is on the server or the message “File not found.” if it is not found.
12. Ask the user to enter a number between 33 and 77 inclusive. Use PHP filters to ensure the number entered is within the range. Use exception handling (try, throw, and catch) to handle the exception if the number is outside of the range.

Use the page [PHP 7 Exceptions](#) as a program and exam reference.

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NOTE: If you encounter problems with your relative image, audio, or video files displaying on your website there are two common problems to check:

1. Check the permissions of the remote file by R-clicking and selecting “Properties” in WinSCP or “File Permissions” in FileZilla. Try setting permissions to 777 for files and/or directories that are not functioning correctly.
2. Ensure the path to your file is correct. If you have configured your site correctly, that source should be:
`src="images/imageName.jpg"`
3. Review the section “src Location Examples” in the Website Setup instructions for more information.

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.