

ITSE 2302 – Program 07

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 07 can be completed using content from these tutorial sections:
 - HTML HOME – PHP Include
- 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 07 link on your top-level page should open an index.php page in the program-07 folder that contains two datalists at the top of the page. The first datalist contains days of the week and the second datalist contains months of the year. Include navigation links on index.php to navigate to selfprocessor.php and validatecontrols.php (files used later).
2. Enclose the two datalists from the previous requirement in a form with:
 - a. action=“daymonth.php”
 - b. method=“get”
 - c. Submit button
3. Create a form processor named daymonth.php that displays a welcome message and the day and month that was selected on index.php. Include a function called “validate_input” to ensure text data received from the form is safe before displaying the data. Include an HTML element of your choice to navigate back to index.php.

Note: the three above **may** be combined and identified by:

```
<h1>Requirements #1, #2, & #3 </h1>.
```

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4. Create a second form with the following:
 - a. action="favorites.php"
 - b. method="post"
 - c. Name textbox (required – display appropriate error message next to the control)
 - d. Favorite Movie textbox (required – display appropriate error message next to the control)
 - e. Favorite Food textbox (required – display appropriate error message next to the control)
 - f. Four radio buttons for favorite season choices (make Summer the default setting)
 - g. Comments (optional)
 - h. Submit button
 - i. *Hint: With the 'required' above, can use the HTML attribute.*
5. Create a form processor file named favorites.php that displays the content of the HTML elements sent to it. Include a function called "validate_input" to ensure text data received from the form is safe before displaying the data. Include an HTML element of your choice to navigate back to index.php.
6. Create a third form with the following:
 - a. action="html.php"
 - b. method="post"
 - c. Include 5 new HTML5 input type elements (see the section "New Input Types")
 - d. Apply 5 new HTML5 input attributes to the elements (NOT 5 per; a total of 5)
 - e. Submit button
7. Create a form processor file named html.php that displays the content of the HTML elements sent to it. Include an HTML element of your choice to navigate back to index.php.
8. Create a file named selfprocessor.php:

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- a. Combine the contents of the three forms above into one form
 - b. action= make the form call the current page, that is, call itself. Be sure to validate form data in this action.
 - c. method="post"
 - d. Include code on the page to check whether the form was submitted
 - e. Include code to process and display the data when submitted
 - f. Include code in the form that retains the values in the controls after submission (a.k.a sticky form). This is not applicable to <datalist> controls.
 - g. Include a function called "validate_input" to ensure text data received from the form is safe before displaying the data.
9. Create a file named validatecontrols.php that is a self-processor
- a. Name textbox (required – only letters and spaces are allowed. display appropriate error message next to the control)
 - b. Email (required – verify email format)
 - c. Website (required – verify correct URL format)
 - d. Three "Developer Type" radio buttons (Front End ; Server Side ; Full Stack). No default set. Ensure one button has been selected.

Developer Type

- ☐ Front End
- ☐ Server Side
- ☒ Full Stack

- e. action= make the form call the current page, that is, call itself. Be sure to validate form data in this action.
- f. method="post"
- g. Include code on the page to check whether the form was submitted
- h. Include code to process and display the data when submitted
- i. Include code in the form that retains the values in the controls after submission (a.k.a sticky form)
- j. Include a function called "validate_input" to ensure text data received from the form is safe before displaying the data.

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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.