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# A Solid Developer’s Foundation | Front-End Frameworks

### **Assignment 3 – Bootstrap Grid System, Utilities, and Components**

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**Coursework 2 Steps:**

1. Create a GitHub Repository named “m2-hw2-lastname-firstname” replacing “lastname” and “firstname” with your own
2. Clone the repository into the folder on your computer where you store your course Coursework assignments
3. Using logical Git commits, complete the following in the master branch:
   1. Add the assignment files to your repository with the commit message “Add Coursework starter files”
   2. Add the [Bootstrap starter template](https://getbootstrap.com/docs/4.4/getting-started/introduction/#starter-template) to the index.html file
   3. Add all 9 images to the HTML file, making sure to include title and alt tags
   4. Update the <h1> to a message of your choice
   5. Use the [Bootstrap grid](https://getbootstrap.com/docs/4.4/layout/grid/) to layout the 9 images in a gallery-style grid
      1. The number of images across and the number of images down in your image grid is up to you
      2. This grid must be responsive and respond to mobile, tablet, and desktop screen sizes
      3. Note: The images are different dimensions on purpose. In the development world, there may be many times where this is the case. You have a few options for how to make this look “best.” You have creative freedom on this!
   6. Using [shadow utilities](https://getbootstrap.com/docs/4.4/utilities/shadows/), add a shadow to each image in the grid
   7. Using [text utilities](https://getbootstrap.com/docs/4.4/utilities/text/), transform the <h1> to uppercase, and center align it
   8. Using the [alert component](https://getbootstrap.com/docs/4.4/components/alerts/), add an alert of your choice to the page
   9. Add a folder to your repository called “screenshots”
   10. Using the Chrome Developer Tools “toggle Device Toolbar” option, take a screenshot of the above-the-fold section of your webpage at a desktop width, a tablet width, and a mobile width, and add all three to your project’s new “screenshots” folder
4. Push all commits to your remote GitHub repository
5. Make a mental note about how Bootstrap can help speed up workflow and offer highly dynamic experiences with little work for the developer