

ITSE 1394 – jQuery Program 9

- Use the course material located at: <http://www.w3schools.com/jquery/>
- Program 9 can be completed using content from the following sections:
 - JavaScript Home – jQuery Filtering
- **Use JavaScript and jQuery Core (not jQuery UI)** to solve the coding requirements unless otherwise stated.
- Develop the page/site for your user – Communicate with your user.

Requirements (remember to identify the requirements by number):

Note: there is an old toggle() method that has been removed from jQuery 1.9 and later. There is also an animation toggle() method that is part of jQueryUI and it will be covered in a later chapter.

1. Include the following elements: <header>, <section>, <article>, <nav>, <footer>. Include at least one <p> element and one element in the <header>. Include a <p> element in the <footer>. Include <div> elements in the <section>, <article>, and <nav>. Use lightgrey borders and text to identify the elements. All of the requirements below use this page structure.
2. Create a button with a click event that uses jQuery and CSS to identify with a blue border the direct **parents** of the <p> and <div> elements. When clicked, the button should toggle the borders from default (lightgrey) to blue to default etc.
3. Assign an id to a <div> in the <nav> element. Create a button with a click event that uses jQuery and CSS to identify with a red border ALL **ancestor** elements of the <div> with the id. When clicked, the button should toggle the borders from default (lightgrey) to red to default etc.
4. Create a button with a click event that uses jQuery and CSS to identify the **children** of the <nav> and <article> tags with a black border. When clicked, the button should toggle the borders from default (lightgrey) to black to default etc.

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5. Create a button with a click event that uses jQuery and CSS to identify with a #90F border the **descendants** of the <section> that are <div> elements. When clicked, the button should toggle the borders from default (lightgrey) to #90F to default etc.
6. Create a button with a click event that uses jQuery and CSS to identify with a #3C3 border the **siblings** of the <p> that is a **child** of the <header> element. When clicked, the button should toggle the borders from default (lightgrey) to #3C3 to default etc.
7. Complete the Program Confirmation in Bb by the due date.
8. Upload your compressed program-09 folder to Bb by the due date.
9. Publish your program-09 folder to your student website by the due date.

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

- Use the list above and the jQuery Common Requirements as a confirmation checklist.
- Not meeting all requirements = 0 points for the assignment.