

ITSE 1394 – jQuery Program 11

- Use the course material located at: <http://www.tutorialspoint.com/jqueryui/>
- Program 11 can be completed using content from the following sections:
 - JavaScript Home – jQueryUI Sortable
- **Use jQuery** and **jQueryUI** 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):

1. Create two <div> elements, one inside the other. Ensure the inner <div> can be dragged but only within the outer <div>.
2. Create two <div> elements, one inside the other. Ensure the inner <div> can be dragged only along the x-axis and only within the outer <div>.
3. Create two <div> elements, one inside the other. Ensure the inner <div> can be dragged only for the first ten seconds after the page has been opened. Display the countdown in seconds for the user.
4. Create two <div> elements on the left (L1, L2) and two <div> elements on the right (R1, R2). Set the options such that only L1 can be dropped in R1 and only L2 can be dropped in R2. Also, L1 should be considered dropped when it touches R1 and L2 must be contained within R2 before it is considered dropped. R1 and R2 should change colors when L1 and L2 hover over their targets.
5. Create a resizable <article> element with the ghost option enabled.
6. Demonstrate the use of the containment, minheight, and minWidth options on a <nav> element within a <section> element.
7. Create four small <div> elements that are side-by-side. Make all four resizable. If any one of the <div> elements is resized, the other three are resized also.
8. Create an ordered list of seven items. Use the selectable method along with the filter option to ensure only the first and last elements of the list are selectable.

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9. Create an ordered list of seven items. Use the sortable method along with the placeholder option to make the list sortable which means that the user can rearrange the items.
10. Complete the Program Confirmation in Bb by the due date.
11. Upload your compressed program-11 folder to Bb by the due date.
12. Publish your program-11 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.