

# ITMD-461

Class 8  
October 15, 2014



# Agenda

- Discuss Midterm
- Discuss Next Assignment
- Review last weeks topics
- CSS Float and Positioning
- Horizontal Nav Demo
- Float vs Positioned and position types
- Fixed vs Fluid (introduction to layouts)
  - We will discuss and demo layouts in next weeks class.
- Chapter 16 in book explains in detail

# Midterm

- Midterm is available in blackboard now
- Worth 100 points
- Multiple choice and True/False and matching
- You can save your progress and complete later
- **Once you click the blue save and submit button it will submit and you can't go back!**
- Due By Sunday (October 19) at 11:59pm Central
  - **NO EXCEPTIONS** – Test will not be available in blackboard after that time.



# CSS Float and Positioning

- Float property causes element to move as far as possible to the left or right and allow other elements to wrap around it.
- Always provide a width to floated element
- Margins do not collapse
- Apply the clear property to the element following the float that you don't want to wrap around the content.



# CSS Floats

- You can use floats to create column layouts
- A few different methods see page 354
- Floated elements need to appear in html before content that wraps around them

# CSS Horizontal Navigation

- Navigation is a list of links so we should use a list as the html element
- `ul`
  - Remove the bullets – `list-style-type: none`
  - Remove the margins and padding
- `ul li`
  - Float list items left - `float: left;`
- `ul li a`
  - Make anchor block and apply styles – `display: block;`
- Clear the element that follows – `clear: left;`



# Positioning

- 4 values for css positioning
  - Static
    - Normal default position in the document flow
  - Relative
    - element is moved relative to position in document flow
    - Space in document flow is reserved
  - Absolute
    - Removed from the document flow
    - Positioned with respect to containing element with a position
  - Fixed
    - Removed from flow and positioned fixed to the window

# Fixed vs Fluid

- Fixed
  - Page width is set to a specific size usually pixels
  - Most common size today is 960px wide
  - Easier to design and build, predictable layout
- Fluid
  - Page size expands and contracts in relation to browser window
  - Page dimensions usually set in %
  - Fills browser window, could be a negative with long lines of text

