Position, Float Attributes

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1. Box Model Attributes  
        - width  
        - height  
        - margin  
        - padding  
        - border  
        - border-radius  
        - border-image  
2. Position Attributes  
- Allow to change the position of element in HTML page.  
- "position" uses following values  
        a) static  
        b) absolute  
        c) relative  
        d) fixed  
        e) sticky  
  
Static Position  
- It is the default position.  
- It will keep element according to normal flow of document.  
- It will not allow to change position with left, right, top or bottom attributes.  
  
Syntax:  
         element {  
            position: static;  
         }  
  
Absolute Position  
- It removes element from normal flow of document.  
- It can be controlled with left, right, top and bottom attributes.  
- But it is fixed with the relative content.  
- It will be along with the content.  
  
Syntax:  
           element {  
          position: absolute;  
          right: 10px;  
          top:20px;  
        }  
  
Fixed Position  
- It removes element from normal flow of document.  
- It can be controlled with left, right, top and bottom.  
- But it is fixed with relative to page not to the content.  
- It will not scroll along with content.  
  
Syntax:  
        element {  
           position:fixed;  
           right:10px;  
           top:20px;  
         }  
  
Ex:  
<!DOCTYPE html>  
<html>  
    <head>  
        <title>Selectors</title>  
        <style>  
           div {  
              border:2px solid red;  
           }  
           aside {  
              border:blue dotted 2px;  
              width: 100px;  
              background-color: yellow;  
              position: fixed;  
              right: 10px;  
              top: 30px;  
           }  
        </style>  
    </head>  
    <body>  
       <div>  
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         <aside>  
            Special Offer  
         </aside>  
       </div>  
    </body>  
</html>  
  
  
  
Sticky Position  
- It will keep element according to normal flow of document.  
- But it can fix relative to page after reaching specific position, which can be bottom, top, right, left.  
  
  
Syntax:  
        element {  
            position:sticky;  
            top:0px;  
        }  
  
Relative Position:  
- It keeps element according to normal flow of document.  
- It can change the position only with relative to its parent.  
- Relative position will change according to parent.  
  
Syntax:  
        element {  
          position:relative;  
          top:10px;  
          left:10px;  
        }  
  
Ex:  
<!DOCTYPE html>  
<html>  
    <head>  
        <title>Position</title>  
        <style>  
            .parent-box {  
                height: 300px;  
                width: 400px;  
                border:2px solid red;  
                margin-left: 50px;  
            }  
            .child-box {  
                width: 100px;  
                height: 60px;  
                border:2px dotted blue;  
                position: relative;  
                left: 10px;  
                top:100px;  
            }  
        </style>  
    </head>  
    <body>  
        <div class="parent-box">  
            parent box  
            <div class="child-box">  
                child box  
            </div>  
        </div>  
    </body>  
</html>  
  
  
  
  
  
  
  
  
  
  
  
3. Float Attributes  
- Float allows to keep any element to absolute left or right.  
- Float will continue for next elements.  
- You have to clear float for next element.  
  
Syntax  
        element {  
          float : left  
         }  
  
        nextElement {  
          clear: left, right, both;  
        }  
  
Ex:  
<!DOCTYPE html>  
<html>  
    <head>  
        <title>Float</title>  
        <style>  
            div {  
                width: 200px;  
                border:2px solid red;  
            }  
            .box-1 {  
                float: left;  
            }  
            .box-2 {  
                float: left;  
            }  
            p {  
                clear: left;  
            }  
        </style>  
    </head>  
    <body>  
        <div class="box-1">  
            Box-1  
        </div>  
        <div class="box-2">  
            Box-2  
        </div>  
        <p>Some paragraph</p>  
    </body>  
</html>  
  
  
4. Display Attributes