```
radial-gradient() = works from inside to outside element
                         default direction 설상
    t format: background: radial-gradient(starting color, ending color);
  use css gradient generator: https://www.colorzilla.com/gradient-editor/
  gradient color stops = to add multiple colors to a gradient
                         separate colors w/a comma
                         by default colors are distanced equally → first @ 0% & last @ 100%.
     ---> (eq. background: linear-gradient(to right, #fff, #3ac, #3b8);
    t choose color's position: declare length value after color value
     ── (eq. background: |inear-gradient(to right, #fff, #3ac 85%, #3b8);
Using Multiple Background Images
  separate multiple background values w/a comma
  layer order: first declared background image
                                                    top /foreground
                last declared background image

↓ bottom/background

            eg. background: url ("fore.png") 0 0 no-repeat,
                            url("middle.png") 0 0 no-repeat,
                            url("back.png") 0 0 no-repeat;
        → (eg. background· url("bg.png") 20px 50% no-repeat, linear-gradient(#3ac,#368);)
Exploring New Background Properties
  new background properties: background-size
                               background-clip
                               background - origin
  background-size property = to change the size of a background image
    - accepts: general length values
               keyword values
    T keyword values: auto = preserves aspect ratio
                       cover = preserves aspect ratio
                                shrinks 1 stretches image to cover entire element
                                                                                                 ↑
element
                                image is often cut off to occupy full space
                       contain = preserves aspect ratio
                                  shrinks/stretches image to remain/reside wlin element
                                  always shows the full image
                                  image often doesn't occupy full space of element
```

Lesson 8: Creating Lists HTML lists: unordered ordered description marker = the bullet point preceding a list item marker styles: square round numeric alphabetical nonexistent Unordered Lists unordered list ((u|>) = a list of related items whose order doesn't matter each item is individually marked win the kulding lid T browser defaults: vertical margin left padding (uI) element Solid dot marker preceding each <1i> element \rightarrow Tformat : <uI> (uI) Orange <1i> Orange </1i> ⟨Ii⟩ ... ⟨/Ii⟩ Blue ⟨i¡⟩...⟨/ji⟩ Blue Ordered Lists ordered list (<01>)= same as unordered list, but items order does matter default item marker: numbers Tunique attributes: start reversed 1. mixingredients format: (01) <01> 2. bake <11>...</11> mix ingredients <1i>:...</1i> bake </01> Start attribute = defines the number from which an ordered list should start accepts integer value arguments - format: →> 30. mix ingredients 31. bake reversed attribute = allows a list to appear in reverse order

boolean attribute → doesn't accept any arguments

```
\neg format: \langle ol \ reversed \rangle \xrightarrow{1} 2. mix ingredients
                                    1. bake
  value attribute = changes an individual's list item's value/marker #
                     any list item below the value attributed list item has the subsequent #
                                                 (01)
                                                                                        1. mix ingredients
     T format: <01>
                                                                                        7. bake
                  <11> ... </11>
                                                   <II> mix ingredients </II>
                  </p
                                                   </
                                                                                        8. cool down
                  <11>...</11>
                                                   Cool down 
                </01>
Description Lists
  description lists ((d1)) = used to outline multiple terms & their descriptions (eq. glossary)
                           may contain multiple terms/description & multiple descriptions/term
     T list items: description term element <d+>
                  description element <dd>
     T defaults: <dl> vertical margins
                 <dd> left margin
     tormat: (dl)
                                                    word
                  <at> word </at>
                                                      definition
                 <dd>definition </dd>
                                                    word
                  <dt> word </at>
                                                      definition I
                 <dd> definition | </dd>
                                                      definition 2
                 <dd>definition 2 </dd>
                                                   word
                 <a+> word | </a+>
                                                   word 2
                 (at) word 2 (/at)
                                                      definition
                 <ad> definition </ad>
               </ai>
   nesting lists: every list may be placed w/in another list, can be nested continually
                  the only element that can reside directly in (u1) & (01) elements is (1i) elements
                  begin new, nested list w/in <1i> element before closing
                  item markers will change according to how deeply nested the list is
        → (eq. <01>
                    (li) walk cola (/li)
                                                       1. Walk cola
                    (li) clean:
                                                       2. clean:
                        (uI)
                                                                  dishes
                           (li) dishes (/li)
                                                                  floor
                            (li) floor (/li)
                                                                  Clothes
                           (li) clothes (/li)
                                                       3. make dinner
                        〈/ii〉
```

```
Make dinner 
               ((01)
List Item Styling
  dist-style-type property = to set content of a list item marker
                              works on unordered & ordered lists
    tvalues none
               disc
               circle
               square
               decimal
               decimal-leading-zero
               lower-roman
               upper-roman
               lower-greek
               lower-alpha
               upper-alpha
               armenian
               georgian
  using an image as a marker:
                                 remove default list marker
                                 add background image ६ padding to <1i> element
    -format:
                li E
                   background: url("name png") x offset y offset repeat value;
                   list-style-type: none;
                   padding: #;
                  ን
  list-style-position property = change list marker placement
    T values: outside = default
                          content can't wrap below marker
                inside = places marker in line
                         allows content to wrap below
                         rarely used
                inherit
  dist-style property = shorthand list-style property
    t format: list-style: <u>list-style-type</u>, list-style-position
                              required
```

Horizontally Displaying List

display lists horizontally/as a straight line via: display property

- quickest

float property

display <1i> items as inline/inline-block displaying list: removes list item marker eg. li f display: inline-block; margin: 0 10px; floating list: float <1i> items to the left list marker still displayed → sits on neighbor → add margin/padding clear floats w/ clearfix method to return page back to normal flow >/eg. li { float: left; margin: 0 20px; useful for navigation menus