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1 <!DOCTYPE html>
2 <html lang="en">
3
4   <head>
5     <!-- Required meta tags for Bootstrap -->
6     <meta charset="utf-8">
7     <meta name="viewport" content="width=device-width, initial-scale=1">
8
9     <!-- Bootstrap CSS -->
10    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
11    <!-- Icon Fonts Style Sheet -->
12    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.5.0/font/bootstrap-icons.css">
13
14    <title>Learning Bootstrap with CSS!</title>
15  </head>
16
17  <body>
18    <!-- PADDING -->
19    <h1 class="text-white container-xl" style="background-color:
hotpink;">Padding in Bootstrap <i class="bi bi-box"></i></h1>
20    <!-- p{Direction DIR}-{Amount AMT} -->
21    <!-- DIR values: t (top); e (end/right side); b (bottom); s (start/left
side); x(left and right sides); y(top and bottom)-->
22    <h2 style="color: hotpink;">Padding Sides</h2>
23    <p class="pt-4 d-inline-block bg-info text-white">Writing</p>
24    <p class="pe-4 d-inline-block bg-info text-white">Writing</p>
25    <p class="pb-4 d-inline-block bg-info text-white">Writing</p>
26    <p class="ps-4 d-inline-block bg-info text-white">Writing</p>
27    <p class="px-4 d-inline-block bg-info text-white">Writing</p>
28    <p class="py-4 d-inline-block bg-info text-white">Writing</p>
29    <!-- You can add padding, just like CSS, to various sides. -->
30    <h2 style="color: hotpink;">Padding Sides (More than One Side and Various
Amounts)</h2>
31    <p class="pt-2 pe-5 d-inline-block bg-info text-white">Writing</p>
32    <!-- You can leave out DIR of the formula (Ex: p-2) and it will add 2 units
to all sides. Though you may notice, with text, that the sides appear to be uneven,
so you most likely will need to have a different px and py amounts.-->
33    <h2 style="color: hotpink;">Padding (Same Amount to All Sides)</h2>
34    <p class="p-0 d-inline-block bg-info text-white">Writing</p>
35    <p class="p-1 d-inline-block bg-info text-white">Writing</p>
36    <p class="p-2 d-inline-block bg-info text-white">Writing</p>
37    <p class="p-3 d-inline-block bg-info text-white">Writing</p>
38    <p class="p-4 d-inline-block bg-info text-white">Writing</p>
39    <p class="p-5 d-inline-block bg-info text-white">Writing</p>
40    <!-- AMT values: 0, 1, 2, 3, 4, 5-->
41    <!-- AMT 0 or p-0 will eliminate any padding of an element. (Though note,
that you do get just a little bit of padding on the top and bottom.)-->
42    <!-- The amount values (0-5) do have some math behind them.
43      0 is obviously 0% or 0
44      1 = 25% or .25
45      2 = 50% or .50
46      3 = 100% or 1.0
47      4 = 150% or 1.5
48      5 = 300% or 3.0 -->
49

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50      <!-- MARGINS -->
51      <!-- Margins use the same formula, only replace p with m.-->
52      <!-- m{DIR}-{AMT} The DIR and AMT values are the same as with padding, except
Margins have an additional AMT value of "auto". -->
53
54      <h1 class="text-black container-xl" style="background-color: gold;">Margins
in Bootstrap <i class="bi bi-shield"></i></h1>
55      <h2 style="color: gold; -webkit-text-stroke-width: 1px; -webkit-text-stroke-
color: black;">Margin All Sides</h2>
56      <div class="bg-warning d-inline-block"><div class="m-0 p-3 d-inline-block bg-
info text-white">Writing</div></div>
57      <div class="bg-warning d-inline-block"><div class="m-1 p-3 d-inline-block bg-
info text-white">Writing</div></div>
58      <div class="bg-warning d-inline-block"><div class="m-2 p-3 d-inline-block bg-
info text-white">Writing</div></div>
59      <div class="bg-warning d-inline-block"><div class="m-3 p-3 d-inline-block bg-
info text-white">Writing</div></div>
60      <div class="bg-warning d-inline-block"><div class="m-4 p-3 d-inline-block bg-
info text-white">Writing</div></div>
61      <div class="bg-warning d-inline-block"><div class="m-5 p-3 d-inline-block bg-
info text-white">Writing</div></div>
62      <div class="bg-warning d-inline-block"><div class="m-auto p-3 d-inline-block
bg-info text-white">Writing</div></div>
63
64      <h2 style="color: gold; -webkit-text-stroke-width: 1px; -webkit-text-stroke-
color: black;">Margin One Side</h2>
65      <div class="bg-warning d-inline-block"><div class="mt-3 p-2 d-inline-block
bg-info text-white">Writing</div></div>
66      <div class="bg-warning d-inline-block"><div class="me-3 p-2 d-inline-block
bg-info text-white">Writing</div></div>
67      <div class="bg-warning d-inline-block"><div class="mb-3 p-2 d-inline-block
bg-info text-white">Writing</div></div>
68      <div class="bg-warning d-inline-block"><div class="ms-3 p-2 d-inline-block
bg-info text-white">Writing</div></div>
69      <div class="bg-warning d-inline-block"><div class="mx-3 p-2 d-inline-block
bg-info text-white">Writing</div></div>
70      <div class="bg-warning d-inline-block"><div class="my-3 p-2 d-inline-block
bg-info text-white">Writing</div></div>
71
72      <h3 style="color: gold; -webkit-text-stroke-width: 1px; -webkit-text-stroke-
color: black;">Margin Multiple Sides</h2>
73      <div class="bg-warning d-inline-block"><div class="mt-3 ms-3 p-3 d-inline-
block bg-info text-white">Writing</div></div>
74
75      <h2 style="color: gold; -webkit-text-stroke-width: 1px; -webkit-text-stroke-
color: black;">Margin Auto</h2>
76      <!-- Bootstrap class "w" is width and class "h" is height. These two classes
support values of 25, 50, 75, 100 (which are percentages but you do not put in the %
symbol). -->
77      <!-- The first div's margin (m-3) is just extra empty space above the example
block to add some space between the header and the example.
78      w-100 is the div's width being 100% of the screen. The style width of 100px
is the size of the "Writing" or text block. Putting the display as a block allows
the text div to move, rather than inline-block with puts it at the beginning of the
line.-->
79      <div class="mt-3 bg-warning w-100"><div style="width: 100px;" class="mx-auto
p-3 d-block bg-info text-white">Writing</div></div>
80      <p>Remember with this example, the yellow part just shows the margins so they
are visible. Normally, you will not see anything in the yellow areas of any of these
examples. So if you wanted the blue to take up more space, you would make the width

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81 bigger in the style property. On a typical webpage, your centered material (in this
example) would look like this:</p>
82     <div class="mt-3 w-100"><div style="width: 100px;" class="mx-auto p-3 d-block
83     bg-info text-white">Writing</div></div>
84
85     <!-- The course talks about gaps, which is a spacing property for grid. I
will add this information when I get there. (This is in Section 5: Layouts)-->
86
87     <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
86     </body>
87
88 </html>
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