

```
1  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
2  http://www.w3.org/TR/xhtml1/DTD/xhtml1/DTD/xhtml1-transitional-dtd>
3  <html lang="en">
4  <head>
5  <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
6  <meta name="keywords" content="pets, dog, cat, bird, rat, mouse, fish" />
7  <meta name="description" content="Looking to buy a pet" />
8
9  <style type="text/css">
10     .notice    {  color: blue; }
11     #feature   {  color: rgb(30%, 100%, 50%);
12                  background-color: #ff44ff;
13                  margin: 5px 10px;
14     }
15 </style>
16 <link rel="stylesheet" type="text/css" href="default.css" />
17 <script type="text/javascript">
18 <!--
19     var dogPic = "../images/dog.png";
20     function showDog() {
21         document.getElementById("critter").src=dogPic;
22     }
23 -->
24 </script>
25 <title>Happy Puppy Pet Shop</title>
26 </head>
27 <body onload="showDog();">
28     <div id="mainbox">
29         <div id="navbox">
30             <a href="main.html"> main          </a> <br />
31             <a href="cats.html"> view cat page </a> <br />
32             <a href="dogs.html"> view dog page </a>
33         </div> <!-- end div navbox -->
34         <div id="contentbox">
35             
36             <p class="notice"> Visit Happy Puppy today
37                 To find yourself a new best friend.</p>
38             <div id="feature"> New arrivals this week:
39                 chinchillas.
40             </div> <!-- end div feature -->
41         </div> <!-- end contentbox -->
42     </div> <!-- end mainbox -->
43 </body>
44 </html>
```

default.css

1	#mainbox { width: 500px;
2	margin: auto;
3	}
4	
5	#navbox { float: left;
6	width: 25%;
7	border: 1px solid red;
8	}
9	
10	#contentbox { float: right;
11	border: 1px solid black;
12	}
13	body { font-family: "Courier New", sans-serif;
14	font-size: 80%;
15	}
16	
17	#contentbox .notice { font-family: "Times New Roman", serif; }
18	

1. Identify the line number(s) most appropriate to the following HTML/CSS description.
 - a. [Example] Defines the end of the index.html HTML document _44_
 - b. [Easy] Defines an image element within the HTML page _35_.
 - c. [Easy] Defines this HTML document as using transitional XHTML __2__.
 - d. [Easy] Indicates that the HTML document uses an external CSS document _16_.
 - e. [Easy] Defines the set of available external links to related HTML pages _30-32_.
 - f. [Easy] May be used by some search engines to help index this page in searches _6,7,25_.
 - g. [Easy] Defines the set of styles used by this HTML page only _9-15_.
 - h. [Easy] The only non-block element in the HTML content _35_.
 - i. [Easy] Provides information about the HTML document _1-2,6-7_.
 - j. [Easy] Which line(s) feature HTML comments _18,23,33,40,41,42_.
 - k. [Moderate] Defines a set of DHTML instructions _19-21_.
 - l. [Moderate] Defines the background region for the text "chinchilla" _12_.
 - m. [Moderate] The lines of text appearing on the web page in blue _36-37_.
 - n. [Moderate] Defines the default appearance of all text in all site HTML pages _13-14 default.csss_.
 - o. [Challenging] Defines the web page as always horizontally centered within the browser window _2 default.css_.
 - p. [Challenging] Defines what image in the contentbox is shown when the HTML page loads _19_.
 - q. [Challenging] The only text in the HTML displayed not as monospaced __36-37_.

2. What is the purpose of defining the CSS width style of 25% to the #navbox element?
 - a. The #navbox element occupies at most 25% of the screen width.
 - b. The #navbox element width is set to 25% of the browser window.
 - c. The #navbox element occupies a quarter of the total width within the #mainbox.
 - d. The content of the #navbox element is made to fit inside a box 25% smaller than the browser window.
 - e. The content text size inside the #navbox element is reduced by 25%.
3. Based on the definition of the anchor links, where are the other HTML files (e.g. cat.html) located?
 - a. unknown
 - b. In the same folder as this HTML file
 - c. Web server root folder
 - d. In the ../images folder
 - e. In the current folder's parent folder
4. If the navbox element location is to remain fixed in the same location in the browser window, then the CSS needed would be:
 - a. Remove the float:left style rule from the #navbox style
 - b. Add the CSS style rule position: absolute; top:100; to the #navbox style
 - c. Add the CSS style rule position: relative; to the #navbox style
 - d. Add the CSS style rule position:fixed; to the #navbox style
 - e. Add the CSS style rule position: no-scroll to the #navbox style
5. The CSS style padding: 10px is added to the #contentbox selector in the default.css file. How will that affect the display?
 - a. There will be a 10 pixel width area of white space between the border and the content.
 - b. The content will be pushed down 10 pixels below the navbox.
 - c. The margin area surrounding the border of contentbox will have an extra 10 pixels of width.
 - d. The content will fit inside a box measuring 10 pixels of height and width.
 - e. An area of white space measuring 10 pixels in height will surround the outside of the contentbox.
6. If the CSS style rule on line 17 in default.css were changed from #contentbox .notice to .notice (removing the #contentbox), then the result would be:
 - a. The entire text inside the contentbox div would display in Times New Roman font.
 - b. The text in the contentbox div would not display at all
 - c. The element having class="notice" would not display in the browser window
 - d. The font size inside the elements having class= "notice" is reduced to 80%.
 - e. Any new elements having class= "notice" outside the contentbox div would have the same CSS style.