

# Practice exam answers

# Practice exam answers

**Choose the correct HTML element for the largest heading:**

- <h6>
- <head>
- <heading>
- <header>
- <h1>

# Practice exam answers

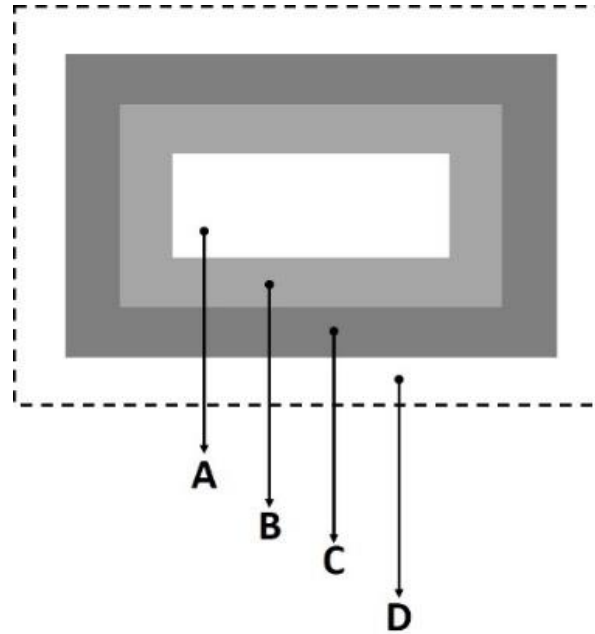
**How can you make a list that lists the items with numbers?**

- `<ul>`
- `<ol>`
- `<dl>`
- `<list>`
- `<option>`

# Practice exam answers

In the CSS box below, which corresponds to padding?

- A
- B
- C
- D
- A+B



# Practice exam answers

**What is the correct HTML for referring to an external style sheet?**

- `<meta style="css/styles.css">`
- `<stylesheet>styles.css</stylesheet>`
- `<link href="styles.css" rel="stylesheet" type="text/css">`
- `<style src="styles.css">`
- `<a href="styles.css">`

# Practice exam answers

**Given the HTML and CSS code below, which text color will the text in the span element have?**

- Yellow
- Blue
- Green
- Red
- Orange

| HTML:                                                                                                                  | CSS:                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>&lt;p&gt;Tthis paragraph has a &lt;span id="myId" class="myClass"&gt; span element &lt;/span&gt; &lt;/p&gt;</pre> | <pre>p {   color: yellow; }  #myId {   color: blue; }  .myClass {   color: green; }  span {   color: red; }  span.myClass {   color: orange; }</pre> |

# Practice exam answers

With the following HTML and CSS, what additional CSS code is needed to style the <a> element with a red text color?

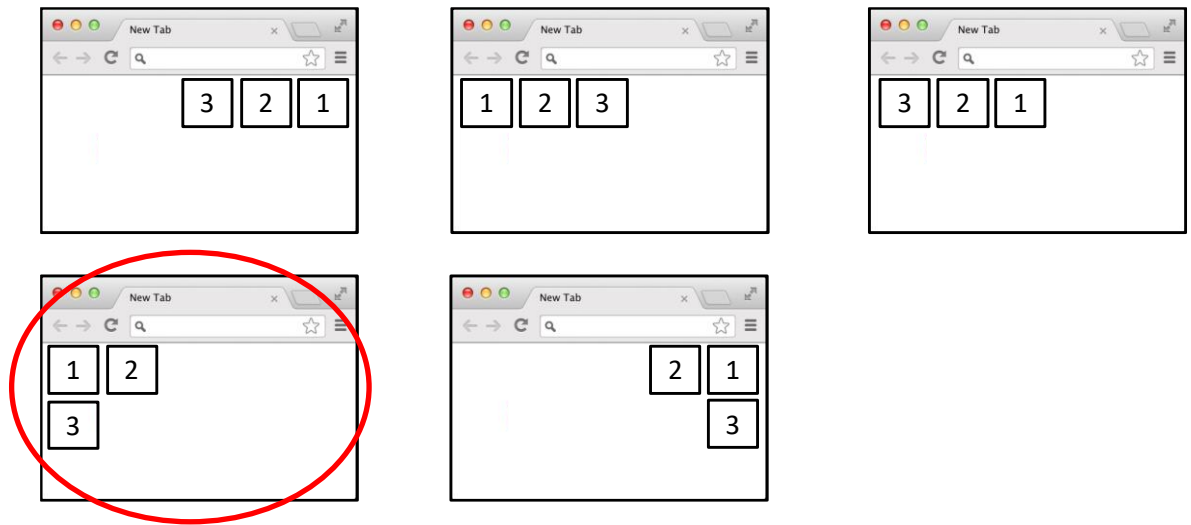
| <u>HTML:</u>                                                                                                                                                                 | <u>CSS:</u>                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <pre>&lt;ul&gt;   &lt;li&gt;list item 1&lt;/li&gt;   &lt;li&gt;list item 2&lt;/li&gt;   &lt;li&gt;&lt;a href="#"&gt;link to somewhere&lt;/a&gt;&lt;/li&gt; &lt;/ul&gt;</pre> | <pre>li {   color: red; }</pre> |

- `li {color: red !important;}`
- `#li {color: red;}`
- `.li {color: red;}`
- `a {color: red;}`
- No additional CSS code is needed, the text color of <a> is already red

# Practice exam answers

With the following HTML and CSS, how will the layout look?

| HTML:                                                                                           | CSS:                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>&lt;div&gt;1&lt;/div&gt; &lt;div&gt;2&lt;/div&gt; &lt;div id="div3"&gt;3&lt;/div&gt;</pre> | <pre>div {   height: 100px;   width: 100px;   border: 2px solid black;   padding: 5px;   margin: 5px;   float: left; }  #div3 {   clear: left; }</pre> |





# Practice exam answers

## How do you make comments in HTML?

- `<!-- This is an HTML comment -->`
- `<comment>This is an HTML comment</comment>`
- `<!-- This is an HTML comment -->`
- `/* This is an HTML comment */`
- `<?-- This is an HTML comment -->`

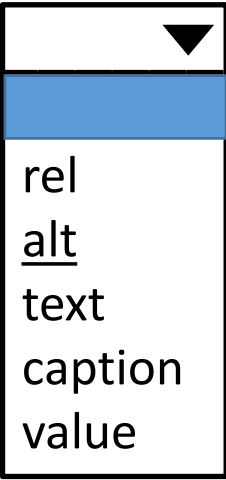
# Practice exam answers

**Which styling is needed to remove the underline from link text?**

- underline: 0px;
- decoration: 0px;
- text-decoration:none;
- text-decoration:none;
- underline:none;

# Practice exam answers

If the image cannot be displayed then the  attribute specifies an alternate text for an image.



# Practice exam answers

## Which of the following statements are true/false?

- |                                                                                                          |                            |                             |                             |
|----------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------|-----------------------------|
| • Linking to an external style sheet allows you to have hyperlinks from your page to the World Wide Web. | <input type="radio"/> True | <input type="radio"/> False | <b>X</b>                    |
| • Web pages are linked together through hyperlinks.                                                      | <b>X</b>                   | <input type="radio"/> True  | <input type="radio"/> False |
| • The <a href="url" target="new"> tag opens the link in a new browser window.                            | <input type="radio"/> True | <input type="radio"/> False | <b>X</b>                    |

# Practice exam answers

**Given the following CSS, which background color would the element with the id value "myId" have, when the browser window is 600 pixels wide?**

- yellow
- blue
- red
- orange
- green

```
#myId {background-color:yellow;}

@media screen and (min-width: 651px) { #myId {background-color:blue;}}

@media screen and (max-width: 750px) { #myId {background-color:red;}}

@media screen and (min-width: 751px) { #myId {background-color:orange;}}

@media screen and (max-width: 650px) { #myId {background-color:green;}}
```

# Practice exam answers

**Which of the following bootstrap classes styles an image with rounded corners?**

- .img-thumbnail
- .rounded
- .img-fluid
- .rounded-circle
- None of the above

# Practice exam answers

Given the following HTML, how many columns inside its parent would the element with the "myId" id cover on a device with browser window width equal to or greater than 992px (the lg breakpoint)? (Bootstrap has been added to the webpage project.)

```
<div class="row">  
  <div id="myId" class="col-7 col-sm-8 col-md-6">  
</div>
```

- 2 columns
- 6 columns
- 7 columns
- 8 columns
- The element will collapse and stack on top of the following element

# Practice exam answers

**Which Flexbox property cannot have the value "flex-start"?**

- display
- align-items
- align-content
- justify-content
- align-self



# Practice exam answers

**Create a Bootstrap grid containing: One row and two columns on the laptop and only one column on smartphones. (15 points)**

```
<div class="container-fluid">

  <div class="row">
    <div class="col-md-6">Field 1</div>
    <div class="col-md-6">Field 2</div>
  </div>
</div>
```

# Practice exam answers

**Explain the HTML and CSS code below (15 points, use code examples when you explain).**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt;   &lt;meta charset="utf-8"&gt;   &lt;title&gt;Animals&lt;/title&gt;   &lt;link href="css/styles.css" type="text/css" rel="stylesheet"/&gt; &lt;/head&gt; &lt;body&gt;  &lt;h2&gt;My Animals&lt;/h2&gt;  &lt;div id="catSegment"&gt;   &lt;h3&gt;Cat&lt;/h3&gt;   &lt;img src="images/cat.jpg"&gt;   &lt;p&gt;Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.&lt;/p&gt; &lt;/div&gt; &lt;div id="dogSegment"&gt;   &lt;h3&gt;Dog&lt;/h3&gt;   &lt;img src="images/dog.jpg"&gt;   &lt;p&gt;Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.&lt;/p&gt; &lt;/div&gt;  &lt;/body&gt; &lt;/html&gt;</pre> | <pre>img {   width: 100px;   height: 100px; }  #catSegment img {   float: right; }  #dogSegment img {   float: left; }  h3 {   clear: both; }  div {   background-color: beige;   overflow: auto; }</pre> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Practice exam answers

## Example 1:

The cat image will be floated to the right of the paragraph and heading with the id "catSegment" because of the code: `#catSegment img {float: right;}` and the p and h1 will stay of the left.

The dog image will be floated to the left of the paragraph and heading with the id "dogSegment" because: `#dogSegment img {float: left;}` and the p and the h1 will be on the image's right.

the div of the dog will be under the div with the id = "catSegment" because of the `clear: both;`

the background will cover each div but all of it thanks to the overflow property (`overflow:auto`)

## Example 2:

### HTML:

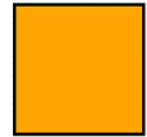
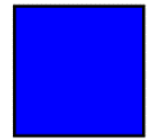
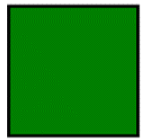
- Standard html document (`!DOCTYPE html`)
- Link to .css file.
- 2nd largest header (h2) with the title "My Animals"
- A div with the id="catSegment" to use in css code.
- h3 heading, an image, standard paragraph with random text.
- Another div with the id="dogSegment"
- A heading, image and paragraph inside the `<div></div>`
- End of body `</body>` and end of html `</html>`

### CSS:

- All images have their width and height set to 100px
- All images in the #catSegment is set to `float:right;` meaning it will stick to the right side of the browser.
- All images in the #dogSegment is set to `float:left;` meaning it will stick to the left side of the browser.
- h3 headings is given the `clear: both;` meaning that no floating elements will be on either side.
- All `<div></div>` elements now have a beige background color and the `overflow: auto;` makes a scrollbar for the text to appear nicely.

# Practice exam answers

**Create a website looking like the following image, using only CSS and HTML (25 points, no Bootstrap and JavaScript allowed).**



# Practice exam answers

## HTML

```
<body>
  <div id="green"></div>
  <div id="blue"></div>
  <div id="red"></div>
  <div id="purple"></div>
  <div id="yellow"></div>
</body>
```

## CSS

```
div {
  height: 100px;
  width: 100px;
  border: 1px solid black;
}
#green {
  background-color: green;
  float: left;
}
#blue {
  background-color: blue;
  float: right;
}
#red {
  background-color: red;
  clear: both;
  margin: auto;
}
#purple {
  background-color: purple;
  float: left;
}
#yellow {
  background-color: yellow;
  float: right;
}
```