

Answer Key: Week 3: Styles + Images

Draw a line and match the tags to their corresponding descriptions. Also explain why the ones that are not matched are incorrect.

a

a) ` Italic ` Correct: **Italic**

b) `<u><i> The sky is blue. </i></u>` Incorrect, since the end tags are in the wrong order, it should be **IBU**, instead of **BIU**.

c) `<u> Programming is fun! </u>` Incorrect, due to the end tags or start tags in the incorrect order.

d) `<b style="color:red"> Apples are red ` Correct: Apples are red

e) ` Bold ` Incorrect, since there are two start tags.

f) `<u><i> The sky is blue. </i></u>` Correct: *The sky is blue.*

g) ` Apples are red ` Incorrect, it should be style color, not font-color. Whether you use a single quote or double quote, it doesn't matter.

h) `Apples are red` Correct: Apples are red

i) `<u><i> The sky is blue. <i></u>` Incorrect, the end `<i>` tag isn't closed.

j) `<u> Programming is fun! </u>` Note: None of them match, Programming is fun!

2) Imagine the webpage looked like the following, how would you write the code for it?

This **isn't** as *difficult*

As it seems.

Solution: <http://jsbin.com/sacav/1/edit>

```
<!-- These are comments, so they can be ignored -->

<div>
  <u>This</u>
  <span style='background-color:black;color:white'>isn't</span>
  as
  <b><i>difficult</i></b>
</div>

<br/>

<div>
  <span style='font-size:30px'>As</span> <!-- h1, h2, h3 could
probably be used here instead as well -->
  <span style='color:gray'>it</span> <!-- the hex for grey code
be used here as well color: #cccccc -->
  <u>seems</u>.
</div>

<!-- Instead of <div></div><br/><div></div>, two paragraph tags
could have been used instead as well. The divs technically did
not have to be there either. -->
```

3) Make each letter a different color for the following word, "Hello!"

<http://jsbin.com/hepok/1/edit>

```
<span style='color:red'>H</span>
<span style='color:orange'>e</span>
<span style='color:blue'>l</span>
<span style='color:yellow'>l</span>
<span style='color:green'>o</span>
!
```

4) Hex codes are represented by the pound or hash sign (#), followed by 6 characters ranging from 0–9 or A–F. So an example would be #ABCDEF or #00FF1A. Each of these codes represent a different color. Write 6 different hex codes.

As long as it starts with a #, followed by 6 characters ranging from 0–9 or A–F, it is correct. Capitalization does not matter,

but its good practice to stick with all capitals or all lowercase.

Correct

#FACADE, #000000, #facade, #fbCd90, #0099FF, #badcad

Incorrect

FACADE, 000, 12345, ZZZZZZ, GHOST, SCH00L

Did you know you that #FACADE is a shade of pink? Instead of `I am pink!`, you can write `I am pink!`

5) Write an image tag for this image “<http://placekitten.com/1000/600>”

```
<img src='http://placekitten.com/1000/600' />
```

*^ Notice the end, it's a short hand of saying there is no content between the tag, so just close it. `
`.*

`<p></p>` is same as `<p/>`

6) Take the image tag from exercise 5 and give it a height of 500 and width of 300.

```
<img src='http://placekitten.com/1000/600' width='300' />
<img src='http://placekitten.com/1000/600' height='500' />
<img src='http://placekitten.com/1000/600' height='500' width='300' />
<img src='http://placekitten.com/1000/600' height='50%' />
<img src='http://placekitten.com/1000/600' width='50%' />
<img src='http://placekitten.com/1000/600' style='width:300px;height:500px' />
```

Any of these combinations are correct. If you use the style tag, be sure to include the unit of measurement px, for pixels.

7) Imagine you had an image with the height of 1200 and a width of 937 (<http://placeholder.it/1200x937>), write an image tag that is 70% of the current height.

```
<img src='http://placeholder.it/1200x937' style='height:70%' />
<img src='http://placeholder.it/1200x937' height='70%' />
```

Similar to above there are many variations you can do to achieve this

8) Name some tags not listed on the worksheet and give a description of what it does.

`<p>` - Paragraph tag

`
` - Line break tag, similar to hitting a return on the keyboard

`<marquee>` - Makes text scrolls across the page

`<center>` - Centers aligns the text

`<h1>` - Larger header text

`<hr/>` - Makes a horizontal line

`<div>` - Used to separate / divide out code. Similar to span, but it creates a new line.

`<a>` - Anchor tag used for links