



Additional Challenge

- For this challenge, follow the instructions in the slide.
- You are given these 2 images on the right.
- For this exercise, you can leave the images together with the html file.
- Create the html file with the name newsletter.html



 playstation-ba
nner.webp



 ps5-logo.web
p

Let's try to create this newsletter layout

- Think of each element like a piece of a puzzle that you need to put together, each contributing to the overall layout of the page
- We start off with the main container that contains everything else.

```
<div id="container">
```

```
  . . .
```

```
</div>
```



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Top Features

Lightning speed

Harness the power of a custom CPU, GPU, and SSD with Integrated I/O that rewrite the rules of what a PlayStation console can do.

Stunning games

Marvel at incredible graphics and experience new PS5 features.

Breathtaking immersion

Discover a deeper gaming experience with support for haptic feedback, adaptive triggers, and 3D Audio technology¹.



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- Then gradually add each element starting from the top and working downwards.
- The `<div>` tag is used whenever we want to create a group of content

```
<div id="product">
```

```
<div id="exclusive">
```

```
<div id="top-features">
```



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- Create a boilerplate.
- Next, use the base code below for your html's <body>
- Pay attention to how the content nested within the <div> used to group the content.
- You should an output that looks like one on the left.

```
<body>
  <div id="container">
    
    <div id="product"></div>
    <div id="exclusive">
      <div>
        <p>Get a playstation.com exclusive <span
class="blue">$100 Off</span> on orders over $500*. Offer ends Dec 30.</p>
        <p>Use code: <span class="blue">EXCLUSIVE</span> </p>
      </div>
    </div>

    <h2>Top Features</h2>
    <div id="top-features">
      <div class="feature"> <h3>Lightning <br> speed</h3><p
class="special">Harness the power of a custom CPU, GPU, and SSD with
Integrated I/O that rewrite the rules of what a PlayStation console can
do.</p></div>

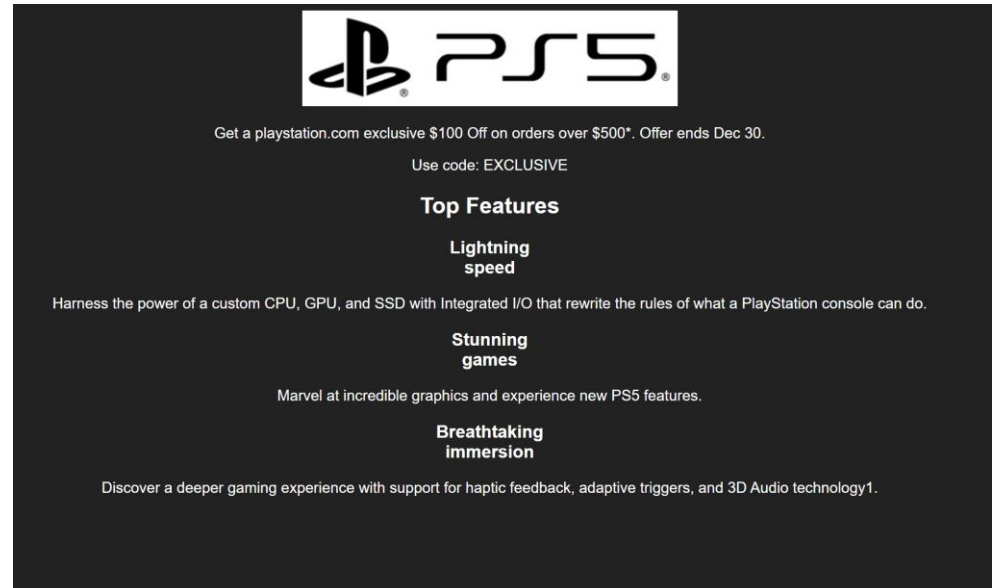
      <div class="feature"> <h3>Stunning <br> games</h3><p
class="special">Marvel at incredible graphics and experience new PS5
features.</p> </div>

      <div class="feature"> <h3>Breathtaking <br> immersion</h3><p
class="special">Discover a deeper gaming experience with support for
haptic feedback, adaptive triggers, and 3D Audio technology.</p> </div>
    </div>
  </body>
```

- Add a style for body in the `<style>` tag
- Save and preview the file which should appear similar to the screenshot below

```
body {  
  background: #222222;  
  text-align: center;  
  font-family: Avenir, arial, sans-serif;  
  color: white;  
}
```

Note: Either use the `<style>` tag or you can use an external css.



```
#container {  
  background: white;  
  width: 600px;  
  margin: 0 auto;  
}
```



- Continue to add the style for `#container`
- The margin settings here will set the top and bottom to `0px`, while the left and right will be set to `auto`. This will centralise the div on the page.
- Save and preview the file

- Add the following styles for `#product`. We add a height property so that the background image can be seen.
- Save and preview

```
#product {  
  background: url(playstation-banner.webp);  
  background-repeat: no-repeat;  
  background-size: contain;  
  background-position: center;  
  height: 600px;  
}
```



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Use code: **EXCLUSIVE**

- The next section is the div with exclusive promotion on the webpage with some text.

```
<div id="exclusive">
```

```
  . . .
```

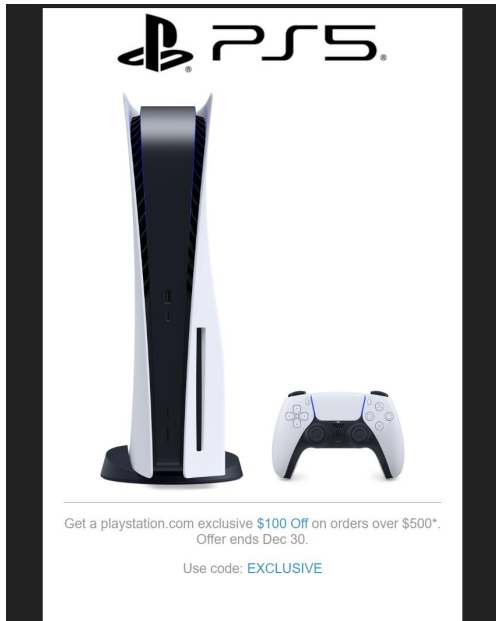
```
</div>
```


- Add the following styles for `#exclusive`
- Save and preview

```
#exclusive{  
  width: 90%;  
  border-top: 1px solid #999999;  
  margin: 0 auto;  
}  
  
#exclusive p{  
  font-size: 1.2em;  
  color: #999999;  
  text-align: center;  
}
```

- Add in the blue class shown in next slide to get the blue text.





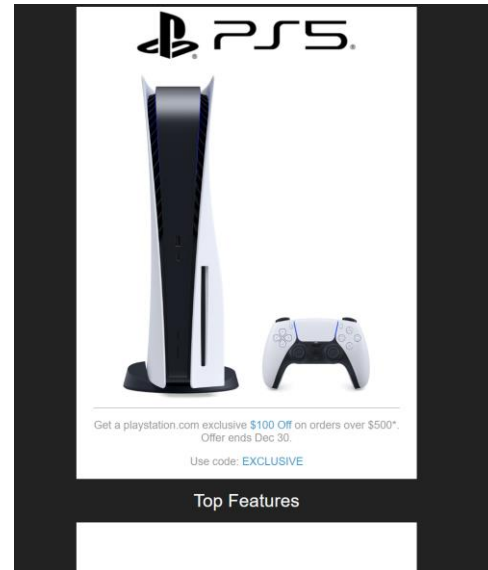
```
.blue{  
  color:  #3399cc;  
}
```

- Because we have the `` that has the class of 'blue' the text in the paragraph can show up as blue.
- Save and preview. You should see the blue text now.

```
<div>  
  <p>Get a playstation.com exclusive <span class="blue">$100 Off</span> on orders over $500*. Offer ends Dec 30.</p>  
  <p>Use code: <span class="blue">EXCLUSIVE</span> </p>  
</div>
```

- Next, add the style for `h2`
- Save and preview

```
h2{  
  font-size: 2em;  
  border-bottom: 1px solid #fff;  
  background: #222222;  
  margin: 0px;  
  padding: 20px 0;  
  font-weight: normal;  
}
```



```
.feature{  
  width: 200px;  
  text-align: center;  
  color: #999999;  
  font-size: 11pt;  
}
```



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Stunning games

Marvel at incredible graphics and experience new PS5 features.

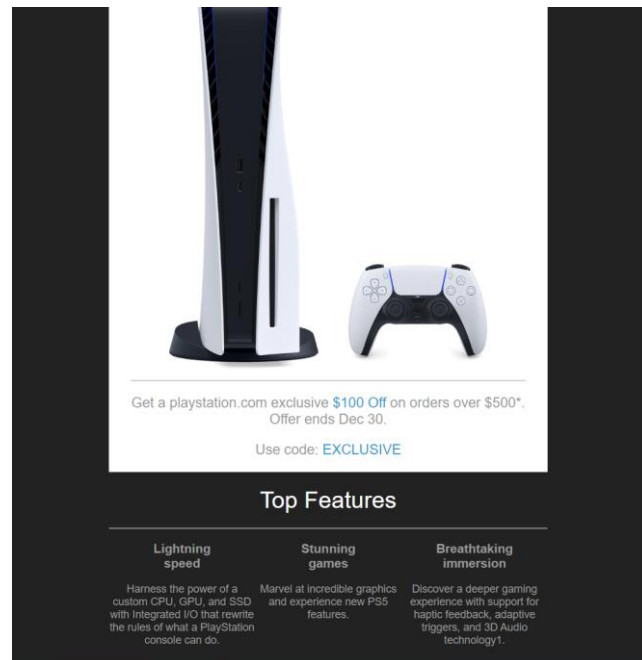
Breathtaking immersion

Discover a deeper gaming experience with support for haptic feedback, adaptive triggers, and 3D Audio technology¹.

- Add the style for **.feature**
- Save and preview
- You should see the text for the features coming down in a row but that is not what we want.
- We want them to appear side by side.
- We will use flexboxes to change that in the next slide.

- Add the style for `.top-features`.
- Using flex we changed the container to display the items side by side and added back a black background for the container.
- Save and preview.

```
#top-features{  
  display: flex;  
  background: #222222;  
}
```



```
h3{  
  font-size: 1.5em;  
  font-weight: normal;  
}
```

- Add the style for `.h3`
- This is done to increase the font size and the boldness of the font
- Save and preview.



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Stunning games

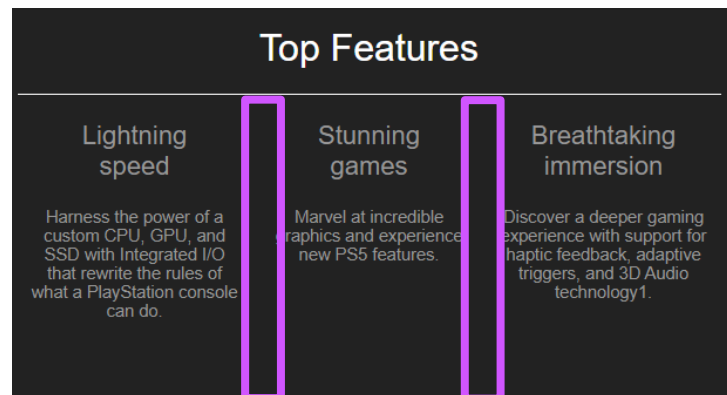
Marvel at incredible graphics and experience new PS5 features.

Breathtaking immersion


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- Add the style for `.special`
- This is done to add some padding to make the text more readable because the words are too close together earlier.
- Save and preview.

```
.special{  
    padding-left: 10px;  
    padding-right: 10px;  
}
```



- Congratulations! You have finished the layout for the online newsletter.



PS5

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Lightning speed	Stunning games	Breathtaking immersion
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