

All Code Clubs must be registered. Registered clubs appear on the map at codeclub.org.uk - if your club is not on the map then visit jumpto.cc/18CpLPy to find out what to do.

Introduction

In this project, you'll learn how to make your own poster.



Step 1: Styling your poster

Let's start by editing the CSS code for the poster.

Activity Checklist

1. Open this trinket: jump.to/cc/web-wanted. If you're reading this online, you can also use the embedded version of this trinket below. ☐

1. Click on the "style.css" tab. You'll notice that there are already CSS properties for the `div` containing the different parts of the poster. ☐

```
div {  
  text-align: center;  
  overflow: hidden;  
  border: 2px solid black;  
  width: 300px;  
}
```

2. Let's start by altering the `text-align` property: ☐

```
text-align: center;
```

What happens when you change the word `center` to `left` or `right`?

3. How about the `border` property? ☐

```
border: 2px solid black;
```

`2px` in the code above means 2 pixels. What happens when

you change `2px solid black` to `4px dotted red`?

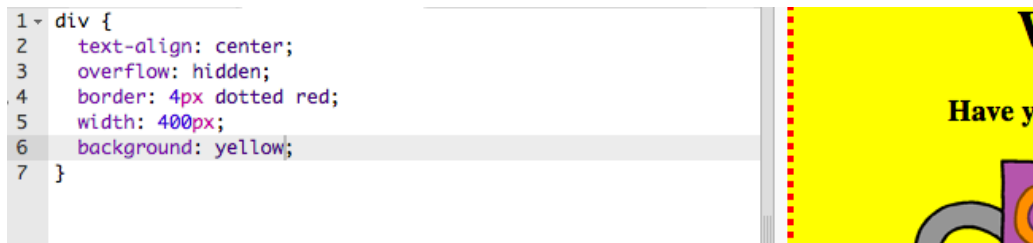
4. Change the `width` of the poster to `400px`. What happens to the poster? ☐
5. Let's add some CSS to set the background colour of the poster. Go to the end of line 5 of your code and press return, so that you have a new blank line. ☐

```
1 div {  
2   text-align: center;  
3   overflow: hidden;  
4   border: 2px solid black;  
5   width: 300px;  
6  
7 }
```

Type the following code on your new blank line:

```
background: yellow;
```

Make sure that you type in the code exactly as it is above. You should notice that the background of the `<div>` is now yellow.



Challenge: Improving your poster

Add the following CSS property to your `div` style:

```
border-radius: 40px;
```

What does this property do? What happens if you change the number in the code above?



Save Your Project

Step 2: Styling images

Let's improve the style of the image in the poster.



Activity Checklist

1. At the moment, there aren't any CSS properties for your `` tag, so let's add some!



Firstly, add the following code underneath the CSS for your div:

```
img {  
  
}
```

```
> index.html style.css ⚙
1 div {
2   text-align: center;
3   overflow: hidden;
4   border: 4px dotted red;
5   width: 400px;
6   background: yellow;
7 }
8
9 img {
10
11 }
```

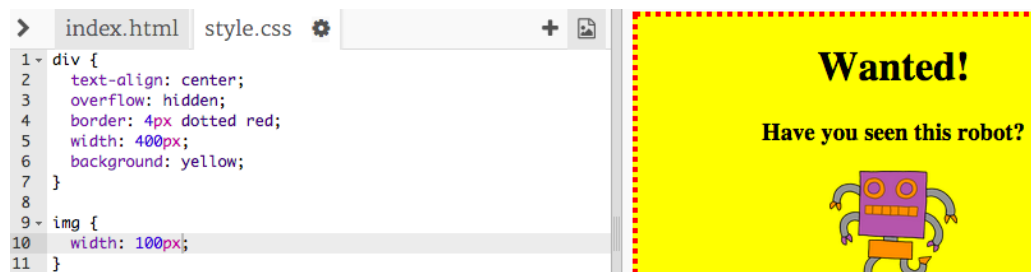
2. We can now add CSS properties for images between the `{` and `}` curly brackets.



For example, add this code between the curly brackets to set the width of the image:

```
width: 100px;
```

You'll see that the size of the image changes, so that it's width is 100 pixels.



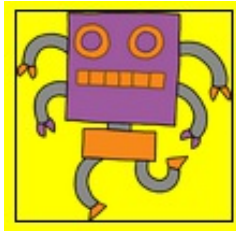
3. You can also add a border around the image with this code:



```
border: 1px solid black;
```

4. Have you noticed that there's not much space between the image and the border?

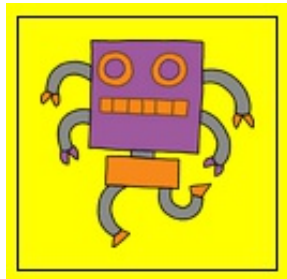




You can fix this by adding some padding around the image:

```
padding: 10px;
```

Padding is the space between the content (in this case an image) and its border.



What do you think would happen if you changed the padding to `50px`?

Challenge: Improving your image

Can you give your image a background colour? Or a rounded border?



Save Your Project

Step 3: Styling headings

Let's improve the style of the `<h1>` heading.

Activity Checklist

1. Add the following code underneath your image's CSS: ☐

```
h1 {  
  
}
```

This is where you'll add CSS properties for your main `<h1>` heading.

2. To change the font of your `<h1>` headings, add the following code between the curly brackets: ☐

```
font-family: Impact;
```

3. You can also change the size of the heading: ☐

```
font-size: 50pt;
```

4. Have you noticed that there's a big space between the `<h1>` heading and the stuff around it? ☐



This is because there's a margin around the heading. A margin is the space between the element (in this case a heading) and the other stuff around it.

You can make the margin smaller with this code:

```
margin: 10px;
```



5. You can also underline your heading:



```
text-decoration: underline;
```

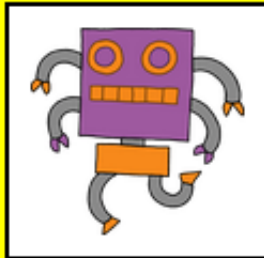
Challenge: Make your poster awesome!

Add more CSS code to style your `<h3>` headings and your paragraphs.



Wanted!

Have you seen this robot?



Description: Height: 30cm, Colour: purple and orange, Arms: 4

If you have any information, please contact 6207 332 2310

Reward: £1,000,000

Here's a list of some CSS properties you can use:

```
color: black;
background: white;
font-family: Arial / Comic Sans MS / Courier / Impact /
Tahoma;
font-size: 12pt;
font-weight: bold;
text-decoration: underline overline line-through;
margin: 10px;
padding: 10px;
width: 100px;
height: 100px;
```



Save Your Project

Challenge: Advertise an event!

Can you make a poster for an event happening at your school? It could be a play, a sporting event, or even a poster advertising your Code Club!



Save Your Project