HTML & CSS

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Wanted!

{code club}

Introduction

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

✓ **Activity Checklist**	**Follow these INSTRUCTIONS one by one**
🏴 **Test your Project**	**Click on the green flag to TEST your code**
⏏ **Save your Project**	**Make sure to SAVE your work now**

①

Step 1: Styling your poster

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

✅ Activity Checklist

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

1. If you go to line 7, you'll notice that there are already CSS properties for the `div` containing the different parts of the poster. ☐

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

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

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

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

3. How about the `border` property? ☐

   ```css
   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 11 of your code and press return, so that you have a new blank line. ☐
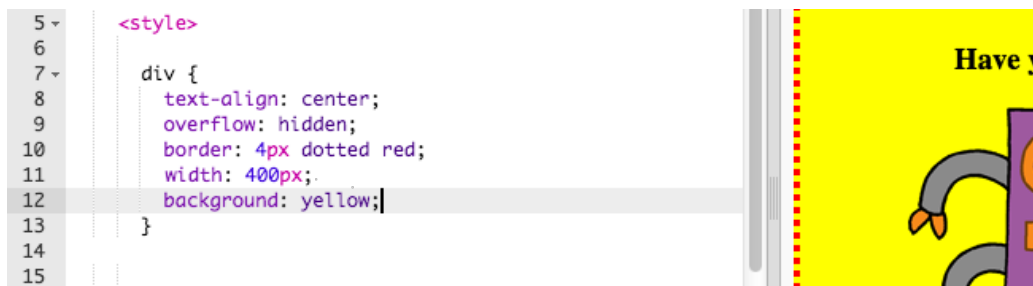
```
7 ▾    div {
8          text-align: center;
9          overflow: hidden;
10         border: 2px solid black;
11         width: 300px;
12
13     }
```

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.

```
5 ▾   <style>
6
7 ▾     div {
8            text-align: center;
9            overflow: hidden;
10           border: 4px dotted red;
11           width: 400px;
12           background: yellow;
13       }
14
15
```

③

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 `<img>` tag, so let's add some!

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

   ```
   img {

   }
   ```

```
7 ▾      div {
8            text-align: center;
9            overflow: hidden;
10           border: 4px dotted red;
11           width: 400px;
12           background: yellow;
13       }
14
15 ▾     img {
16           |
17       }
18
19       </style>
```

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.
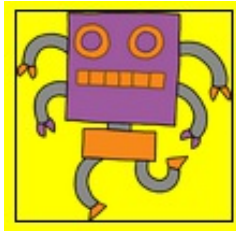

3. You can also add a border around the image with this code:

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

4. Have you noticed that there's not much space between the image and the border?
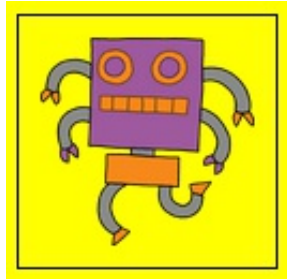
You can fix this by adding some padding around the image:

```
padding: 10px;
```

Padding is the space between the content (in this case an image) and it's 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.

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.

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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