Build a Robot



Introduction

In this project, you'll learn how to position images to create your own robot!



Step 1: Giving your robot eyes

Let's give your robot some eyes!

Activity Checklist

Open this trinket: jumpto.cc/web-robot.

The project should look like this:

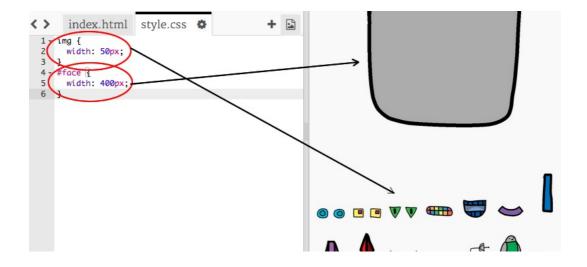


Each image in this project has it's own name (orid). For example, the HTML for the face and eye images ('face', 'eyes1' and 'eyes2' starting on line 8 of your code) looks like this:

```
<img id="face" ...>
<img id="eyes1" ...>
<img id="eyes2" ...>
```

You can use an image's id to give it it's own style, by using the # symbol. This allows you to style each image separately.

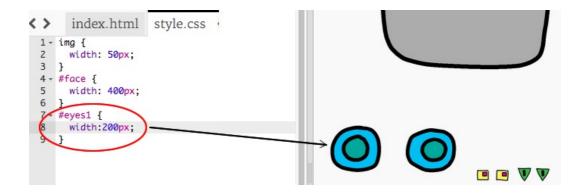
Click on the style.css file. Notice how the size of the robot's face and the other images are different?



Add this CSS code to style the robot's eyes:

```
#eyes1 {
    width: 200px;
}
```

Notice that you're styling just the eyes1 image, by using #eyes1 in your CSS. If



Notice how each image is displayed one after the other? This is called **relative** positioning. If you want to tell the browser exactly where to place your robot's eyes, you'll need to use **absolute** positioning instead.

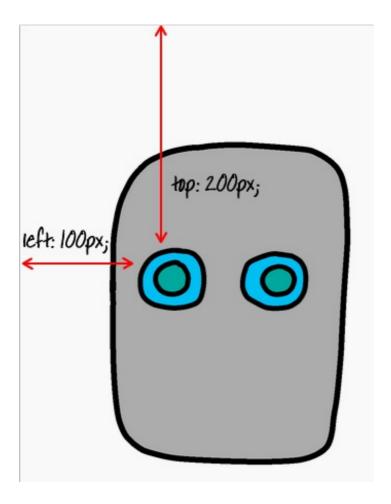
Add these 3 lines of code to the CSS for your eyes1 image:

```
position: absolute;
top: 200px;
left: 100px;
```

You should see that your robot's eyes move to the correct place on your robot.

```
#eyes1 {
  width: 200px;
  position: absolute;
  top: 200px;
  left: 100px;
}
```

This CSS code tells the browser how far from the top / left of the webpage to display the image.



You can use bottom instead of top to tell the browser how far from the bottom of the screen to show the image, as well as using right instead of left.

Step 2: Giving your robot a mouth

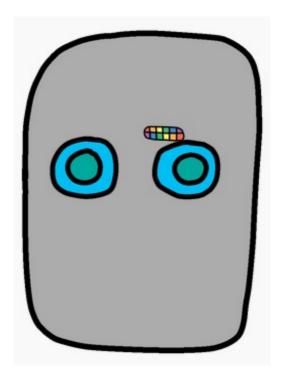
Let's give your robot a mouth!

Activity Checklist

Add the following CSS code to style your mouth1 image:

```
#mouth1 {
 width: 50px;
 position: absolute;
 top: 200px;
 left: 200px;
}
```

Your robot's mouth looks quite small, and isn't in the right place.

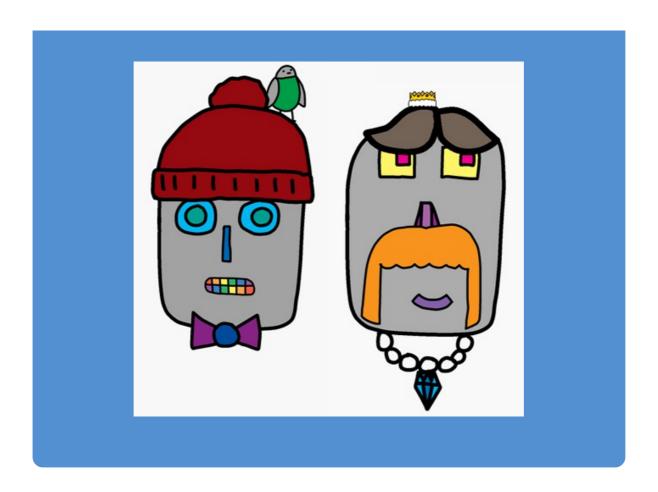


Can you fix this, by making changes to your CSS?

Save Your Project

Challenge: Design your own robot

Use what you've learnt to finish designing your own robot. Here are some examples of how your robot might look:



Save Your Project

Challenge: Add your own images

Can you find extra images to add to your robot, and position them on your webpage? You could even replace the robot face with your own!

Save Your Project

