Activity 1 - Birds

Download and import this Intel® XDK project - [birds.zip](). After you unzip it you can either open it in Intel XDK by going to the project tab and selecting "Open an Intel XDK project" at the bottom left, or navigate to the www directory and open the index.html file with your favorite editor and browser. You should see a list of various sea birds common to the San Francisco Bay Area. Let's see what we can do to improve the look of this page.
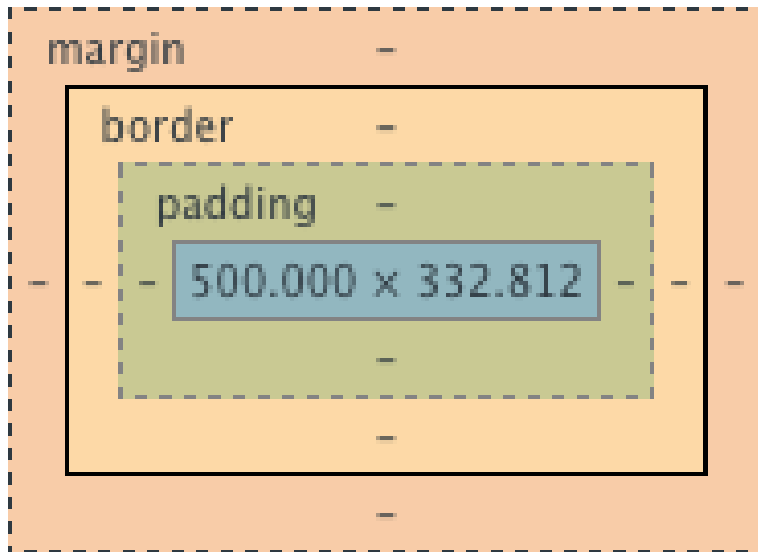

First, the pictures and names are a little cramped, it would be good to have some space there. It would also be helpful to have some vertical space between the pictures. Finally, it would look nicer with some sort of frame around the pictures. We'll start by examining the box model measurements of the images in the debugger.

BIRDS OF THE BAY AREA EXERCISE

In the case of our birds page, when we select one of the images: the box model diagram shows us that margin, padding and border are all 0:

```
margin          –
   border          –
      padding     –
         500.000 × 332.812
```

First, we'll add some space between the names and pictures of each bird. For that we'll want to use a margin, particularly on the left:
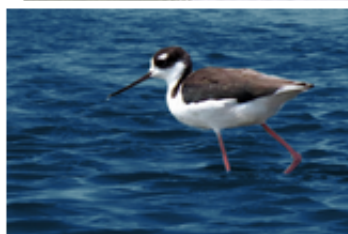
`img { margin-left: 1rem; }`

- Gull:
- Egret:
- Stilt:

This improves things a bit. To increase the vertical space, we can add a margin on the top of each img:
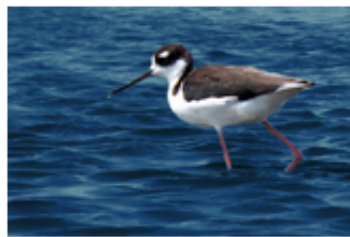
```
margin-top: 3rem;
```


- Gull:

- Egret:

- Stilt:

The placement of the words at the very bottom of each picture is a bit awkward as well. We can improve that by moving each image down using a negative bottom margin:

```
margin-bottom: -1rem;
```

- Gull:

- Egret:

- Stilt:

Next, we can add a frame around it. Using a border provides a simple frame around each picture:

```
border: 5px solid navy;
```

- Gull:

- Egret:

- Stilt:

To make the border a little more "frame" like, we can add some padding to separate the border from the image itself:

```
padding: 5px;
```

Though not perfect, it looks a bit better now, with more space and a frame around each picture:

- Gull:

- Egret:

- Stilt: