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## FLEXBOX FROGGY

Use **justify-content**: again to help these frogs get to their lilypads. Remember that this CSS property aligns items horizontally and accepts the following values:

- **flex-start**: Items align to the left side of the container.
- **flex-end**: Items align to the right side of the container.
- **center**: Items align at the center of the container.
- **space-between**: Items display with equal spacing between them.
- **space-around**: Items display with equal spacing around them.



```
1 #pond {  
2   display: flex;  
3   justify-content: center;  
4 }  
5  
6  
7  
8  
9  
10
```

Next

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## FLEXBOX FROGGY

Help all three frogs find their lilypads just by using **justify-content**. This time, the lilypads have lots of space all around them.

If you find yourself forgetting the possible values for a property, you can click on the property name to view them. Try clicking on **justify-content**.



```
1 #pond {  
2   display: flex;  
3   justify-content: space-around;  
4 }  
5  
6  
7  
8  
9  
10
```

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Froggy

Now the lilypads on the edges have drifted to the shore, increasing the space between them. Use justify-content: space-between;

```
#pond {  
    display: flex;  
    justify-content: space-between;  
}
```

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## FLEXBOX FROGGY

Now use **align-items** to help the frogs get to the bottom of the pond. This CSS property aligns items vertically and accepts the following values:

- **flex-start**: Items align to the top of the container.
- **flex-end**: Items align to the bottom of the container.
- **center**: Items align at the vertical center of the container.
- **baseline**: Items display at the baseline of the container.
- **stretch**: Items are stretched to fit the container.

```
1 #pond {  
2   display: flex;  
3   align-items: end;  
4 }  
5  
6  
7  
8  
9  
10
```



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# FLEXBOX FROGGY

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Lead the frog to the center of the pond using a combination of **justify-content** and **align-items**.

```
#pond {  
  display: flex;  
  align-items: center;  
  justify-content: center;  
}
```

Next



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Flexbox Froggy

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Next

#pond {  
1 display: flex;  
2 align-items: end;  
3 justify-content: space-around;  
4 }  
5  
6  
7  
8  
9  
10

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## FLEXBOX FROGGY

The frogs need to get in the same order as their lilypads using **flex-direction**. This CSS property defines the direction items are placed in the container, and accepts the following values:

- **row**: Items are placed the same as the text direction.
- **row-reverse**: Items are placed opposite to the text direction.
- **column**: Items are placed top to bottom.
- **column-reverse**: Items are placed bottom to top.



Level 8 of 24 ▲ ▼

```
1 #pond {  
2   display: flex;  
3   flex-direction: row-reverse;  
4 }  
5  
6  
7  
8  
9  
10
```

Next



Help the frogs find their column of lilypads using **flex-direction**. This CSS property defines the direction items are placed in the container, and accepts the following values:

- **row**: Items are placed the same as the text direction.
- **row-reverse**: Items are placed opposite to the text direction.
- **column**: Items are placed top to bottom.
- **column-reverse**: Items are placed bottom to top.

## FLEXBOX FROGGY

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```
1 #pond {  
2   display: flex;  
3   flex-direction: column;  
4 }  
5  
6  
7  
8  
9  
10
```

**Next**

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FLEXBOX FROGGY

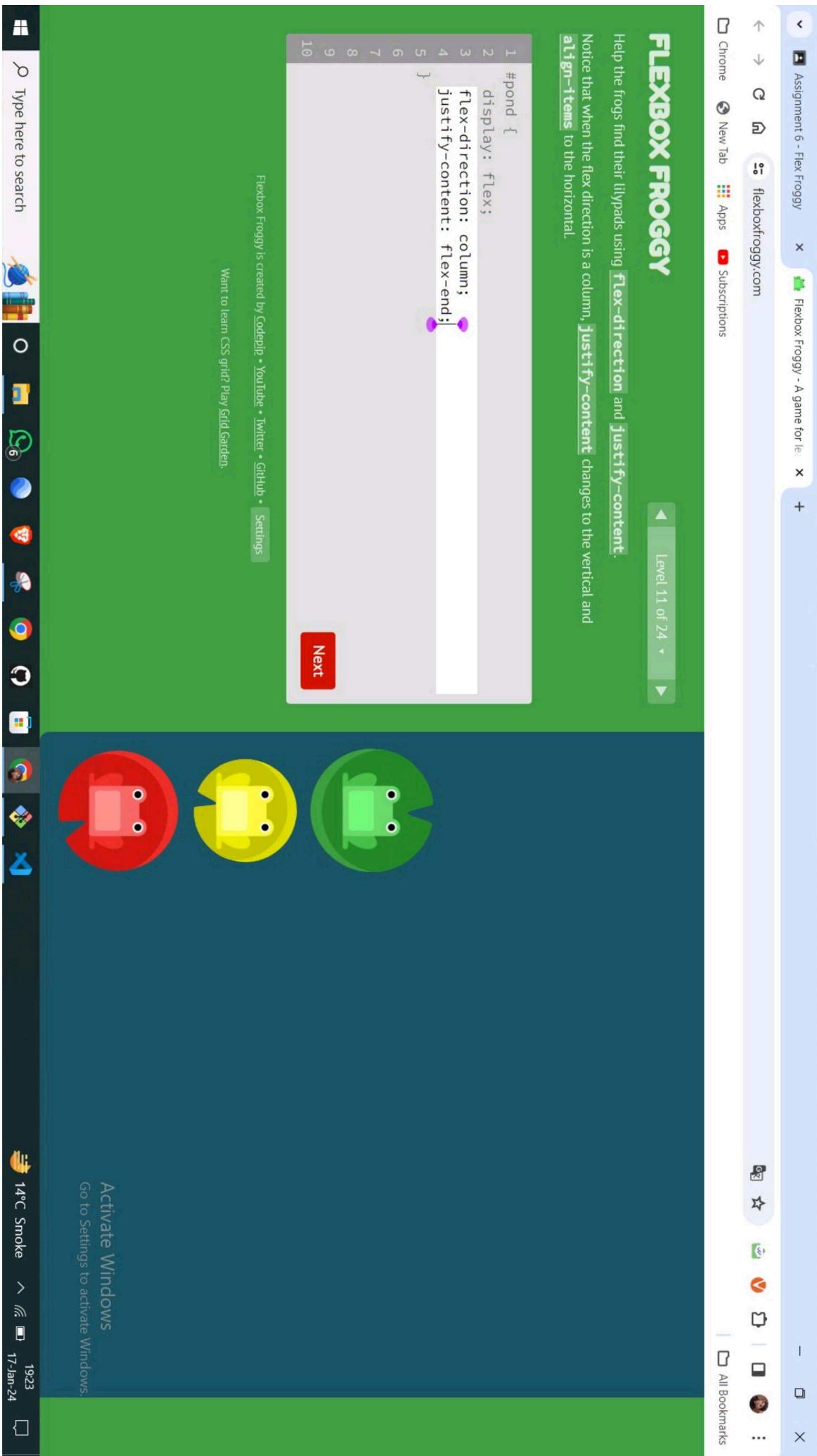
Help the frogs get to their own lilypads. Although they seem close, it will take both **flex-direction** and **justify-content** to get them there.

Notice that when you set the direction to a reversed row or column, start and end are also reversed.

```
#pond {  
  display: flex;  
  flex-direction: row-reverse;  
  justify-content: flex-end;  
}  
6  
7  
8  
9  
10
```

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Flexbox Froggy

Help the frogs find their lilypads using **flex-direction** and **justify-content**.

#pond {  
display: flex;  
flex-direction: column-reverse;  
justify-content: space-between;  
}

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Snip & Sketch

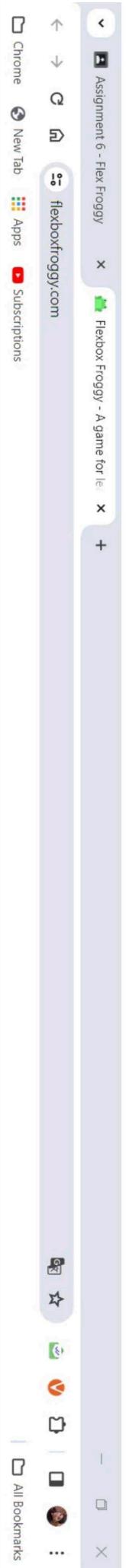
Clipba

Windows

Ship saved to clipboard

Select here to mark up and share this image.

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17-Jan-24



# FLEXBOX FROGGY

Help the frogs find their lily pads using **flex-direction**, **justify-content**, and **align-items**.

```
#pond {  
  display: flex;  
  flex-direction: row-reverse;  
  justify-content: center;  
  align-items: end;  
}
```

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Sometimes reversing the row or column order of a container is not enough. In these cases, we can apply the **order** property to individual items. By default, items have a value of 0, but we can use this property to also set it to a positive or negative integer value (-2, -1, 0, 1, 2).

Use the **order** property to reorder the frogs according to their lilypads.

```
1 #pond {  
2   display: flex;  
3 }  
4  
5 .yellow {  
6   order: 3;  
7 }  
8  
9  
10
```

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# FLEXBOX FROGGY

Use the **order** property to send the red frog to his lilypad.

```
#pond {  
    display: flex;  
}  
.red {  
    order: -1;  
}
```

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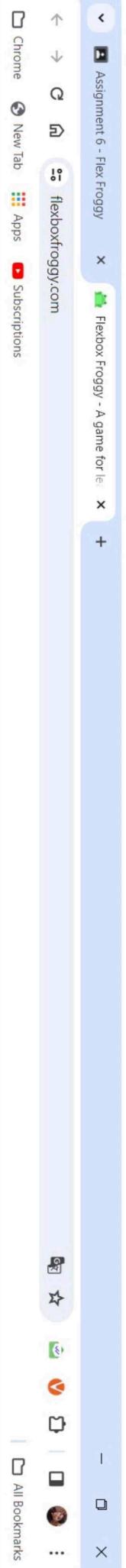
Next

The game interface features a dark blue background with a light blue horizontal bar at the top. In the center, there is a pond-like area containing six frogs arranged in two rows. The top row contains one red frog on the left and five green frogs on the right. The bottom row contains five green frogs. The frogs are white with black outlines and have large black eyes. The background behind the frogs is a dark teal color.

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```
1 #pond {  
2   display: flex;  
3   align-items: flex-start;  
4 }  
5  
6 .yellow {  
7   align-self: end;  
8 }  
9  
10
```

## FLEXBOX FROGGY

Another property you can apply to individual items is **align-self**. This property accepts the same values as **align-items** and its value for the specific item.



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The background of the game board features a large yellow frog with black eyes, positioned in the center of a pond. The pond is represented by a yellow circle. The overall background is a dark teal color.

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## FLEXBOX FROGGY

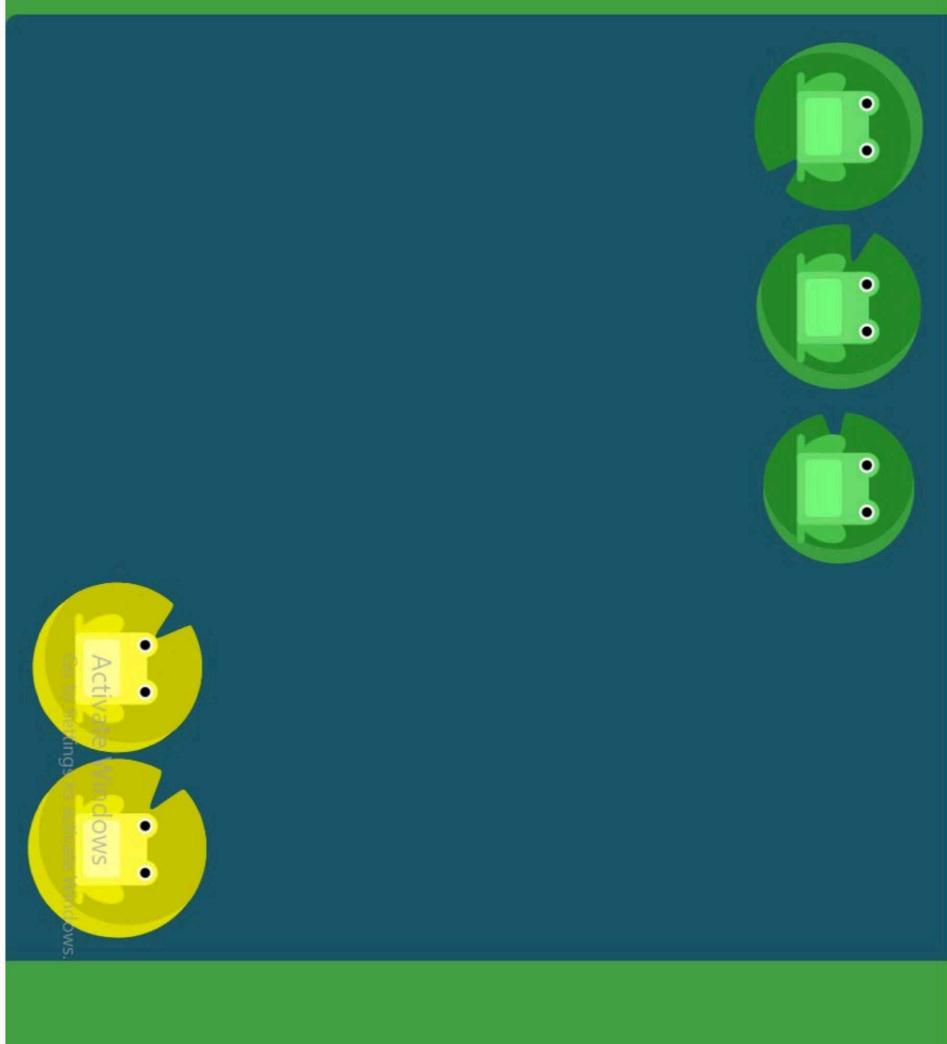
Combine `order` with `align-self` to help the frogs to their destinations.

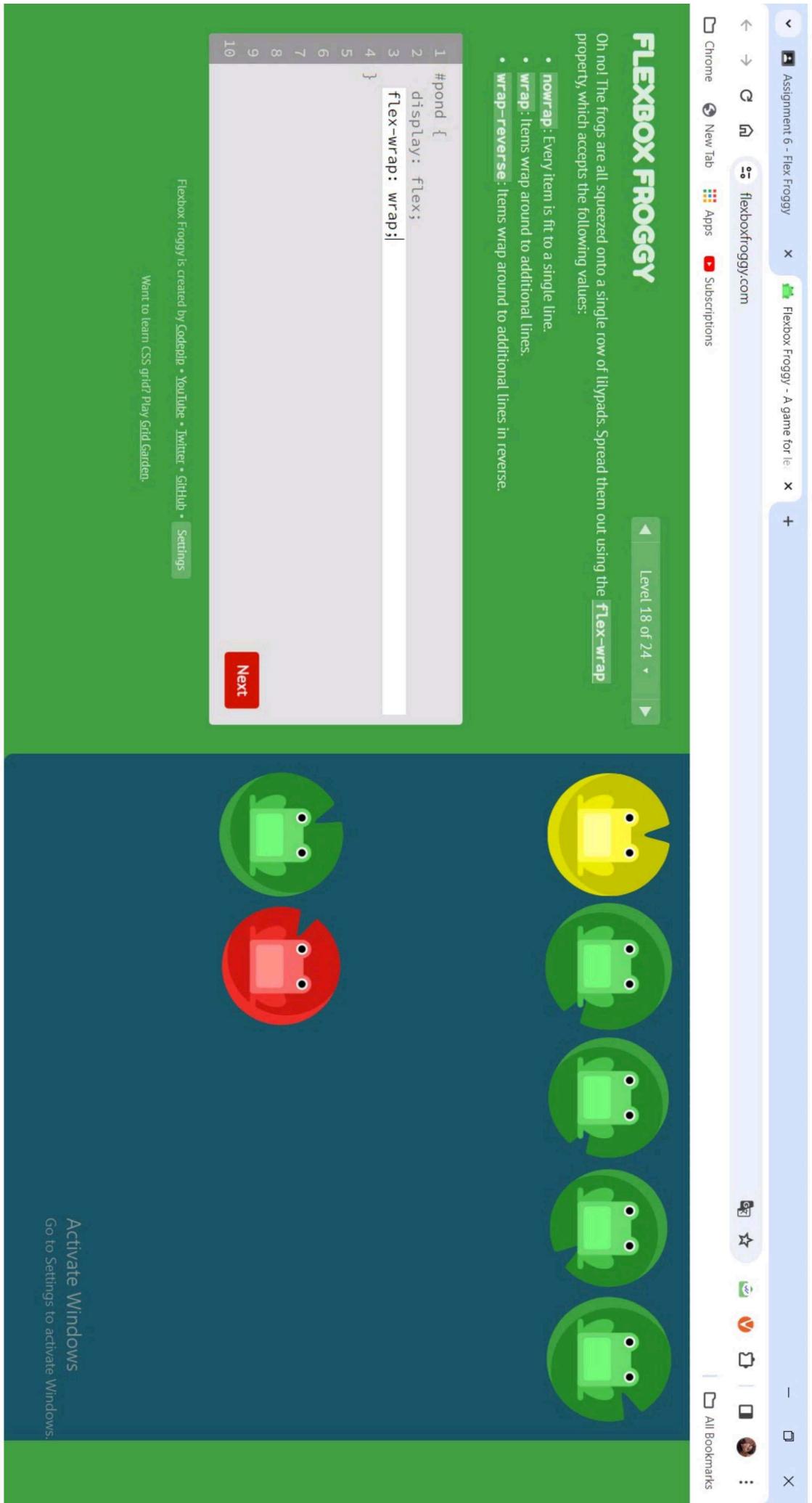


```
1 #pond {  
2   display: flex;  
3   align-items: flex-start;  
4 }  
5  
6 .yellow {  
7   order:1;  
8   align-self: end;  
9 }  
10
```

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Flexbox Froggy

FLEXBOX FROGGY

Help this army of frogs form three orderly columns using a combination of `flex-direction` and `flex-wrap`.

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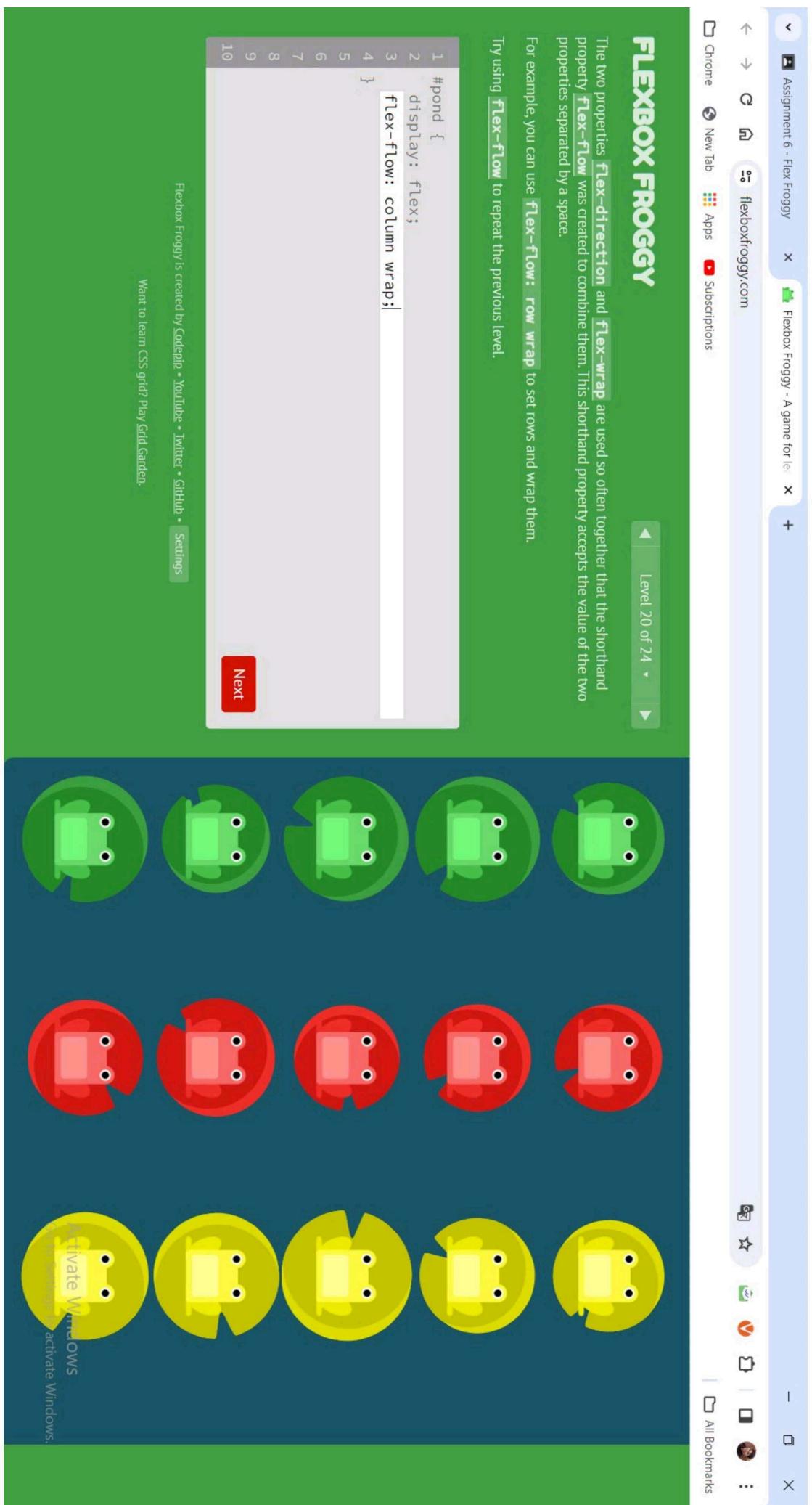
Next

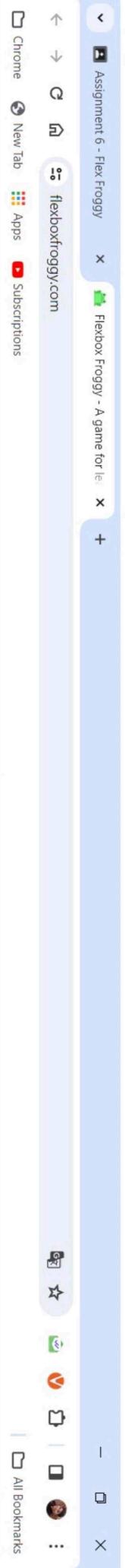
#pond {  
1 display: flex;  
2 flex-direction : column;  
3 flex-wrap: wrap;  
4 }  
5  
6  
7  
8  
9  
10

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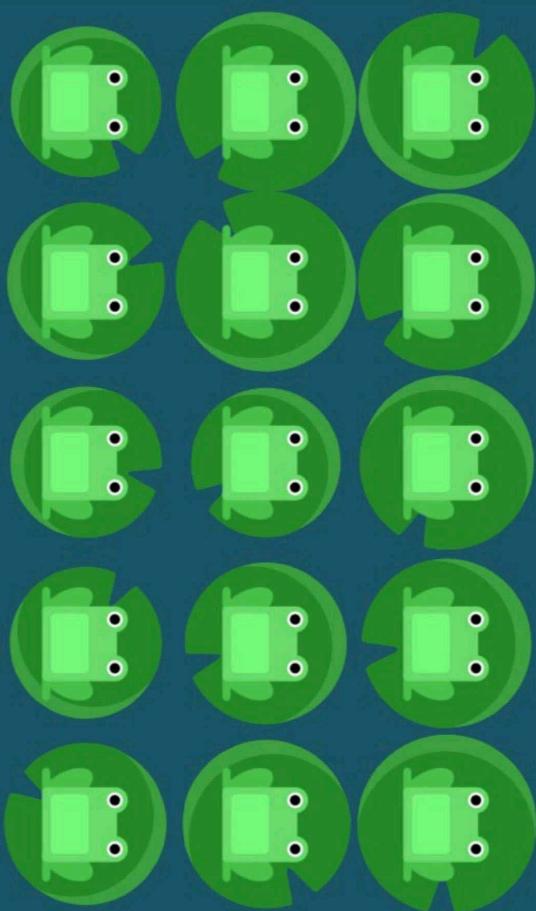


## FLEXBOX FROGGY

The frogs are spread all over the pond, but the lily pads are bunched at the top. You can use **align-content** to set how multiple lines are spaced apart from each other. This property takes the following values:

- **flex-start**: Lines are packed at the top of the container.
- **flex-end**: Lines are packed at the bottom of the container.
- **center**: Lines are packed at the vertical center of the container.
- **space-between**: Lines display with equal spacing between them.
- **space-around**: Lines display with equal spacing around them.
- **stretch**: Lines are stretched to fit the container.

This can be confusing, but **align-content** determines the spacing between lines, while **align-items** determines how the items as a whole are aligned within the container. When there is only one line, **align-content** has no effect.



```
1 #pond {  
2   display: flex;  
3   flex-wrap: wrap;  
4   align-content: flex-start;  
5 }  
6  
7  
8  
9  
10
```

Next

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Next

#pond {  
display: flex;  
flex-wrap: wrap;  
align-content: flex-end;  
}

Now the current has bunched the lily pads at the bottom. Use **align-content** to guide the frogs there.

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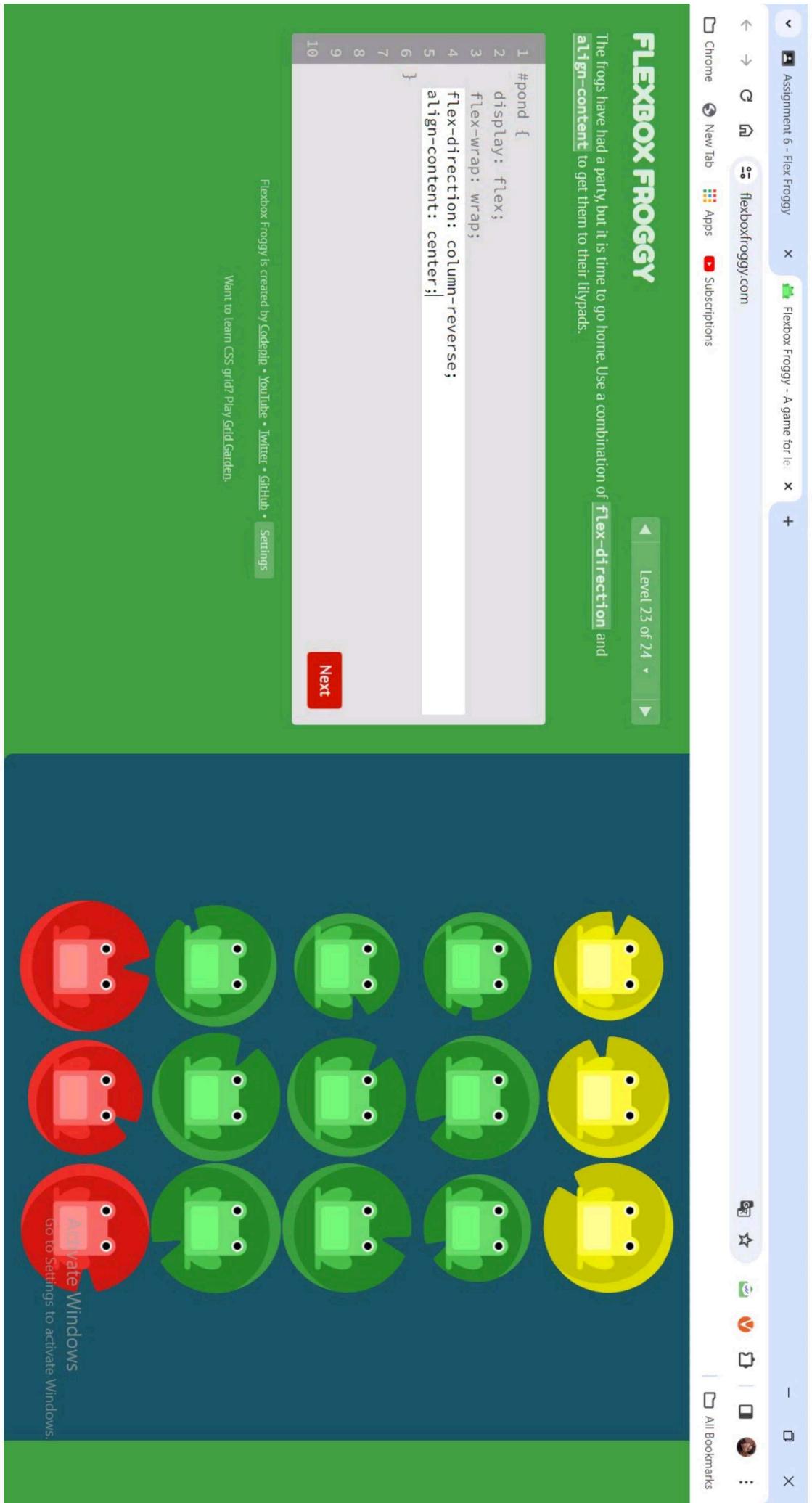
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## FLEXBOX FROGGY

Bring the frogs home one last time by using the CSS properties you've learned:

- justify-content
- align-items
- flex-direction
- order
- align-self
- flex-wrap
- flex-flow
- align-content

```
1 #pond {  
2   display: flex;  
3   flex-flow: row-reverse wrap;  
4   justify-content: center;  
5   align-content: space-between;  
6   rotate: 90deg;  
7 }  
8  
9  
10
```



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