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# FLEXBOX FROGGY

Level 1 of 24

Welcome to Flexbox Froggy, a game where you help Froggy and friends by writing CSS code! Guide this frog to the lilypad on the right by using the `justify-content` property, which 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.

For example, `justify-content: flex-end;` will move the frog to the right.

1 #pond {

2 display: flex;

3 justify-content: flex-end;

4 }

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FLEXBOX FROGGY

◀ Level 2 of 24 ▶

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

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FLEXBOX FROGGY

Level 3 of 24

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 hover over the property name to view them. Try hovering over `justify-content`.

1#pond {

2display: flex;

3justify-content: space-around;

4}

5

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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: flex-end;

4 }

5

6

7

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LEVEL 7 OF 21

The frogs need to cross the pond again, this time for some lilypads with plenty of space around them. Using a combination of `justify-content` and `align-items`.

1 #pond {

2 display: flex;

3 align-items: flex-end;

4 justify-content: space-around;

5 }

6

7

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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.

```
1 #pond {
2   display: flex;
3   flex-direction: row-reverse;
4 }
```

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Flexbox Froggy

Level 9 of 24

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.

1#pond {

2display: flex;

3flex-direction: column;

4}

5

6

7

8




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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.

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

Next

Level 10 of 24



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FLEXBOX FROGGY

Level 11 of 24

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

Notice that when the flex direction is a column, `justify-content` changes to the vertical and `align-items` to the horizontal.

1 #pond {

2 display: flex;

3 flex-direction:column;

4 justify-content:flex-end;

5 }

6

7

8




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

Next



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FLEXBOX FROGGY

Level 13 of 24

Help the frogs find their lilypads using `flex-direction`, `justify-content`, and `align-items`.

1#pond {

2display: flex;

3justify-content:center;

4align-items:flex-end;

5flex-direction:row-reverse;

6}

7

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Next



Next



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FLEXBOX FROGGY

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

1#pond {

2display: flex;

3align-items: flex-start;

4}

5

6.yellow {

7order:2;

8align-self:flex-end;

9}

10

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# 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.

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

Next

Level 16 of 24

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# FLEXBOX FROGGY

Oh no! The frogs are all squeezed onto a single row of lilypads. Spread them out using the `flex-wrap` property, which accepts the following values:






- `nowrap`: Every item is fit to a single line.
- `wrap`: Items wrap around to additional lines.
- `wrap-reverse`: Items wrap around to additional lines in reverse.



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

Next

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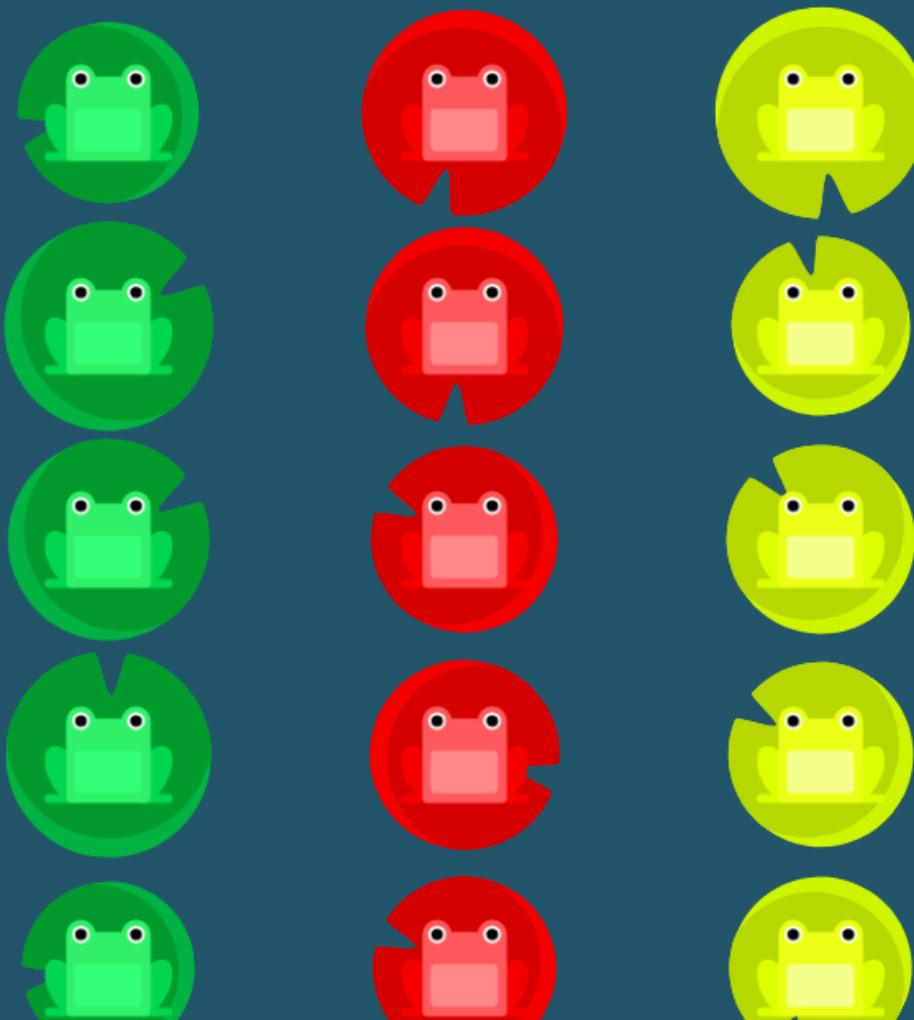
Next



Try using **flex-flow** to repeat the previous level.



Next



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FLEXBOX FROGGY

Level 21 of 24

The frogs are spread all over the pond, but the lilypads 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

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Next



align-content



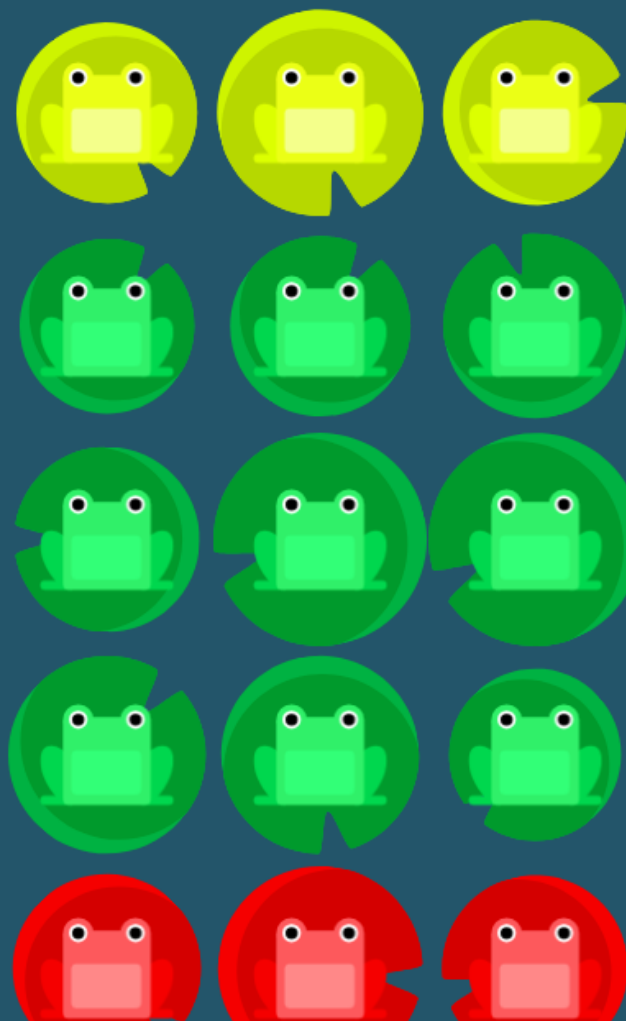
Next

### Grid Garden.



```
1 #pond {
2     display: flex;
3     flex-wrap: wrap;
4     flex-direction: column-reverse;
5     align-content: center;
6 }
```

Next



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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: column-reverse wrap-reverse;
4   justify-content: center;
5   align-content: space-between;
6 }
7
8
9
10
```

Next

Level 24 of 24



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