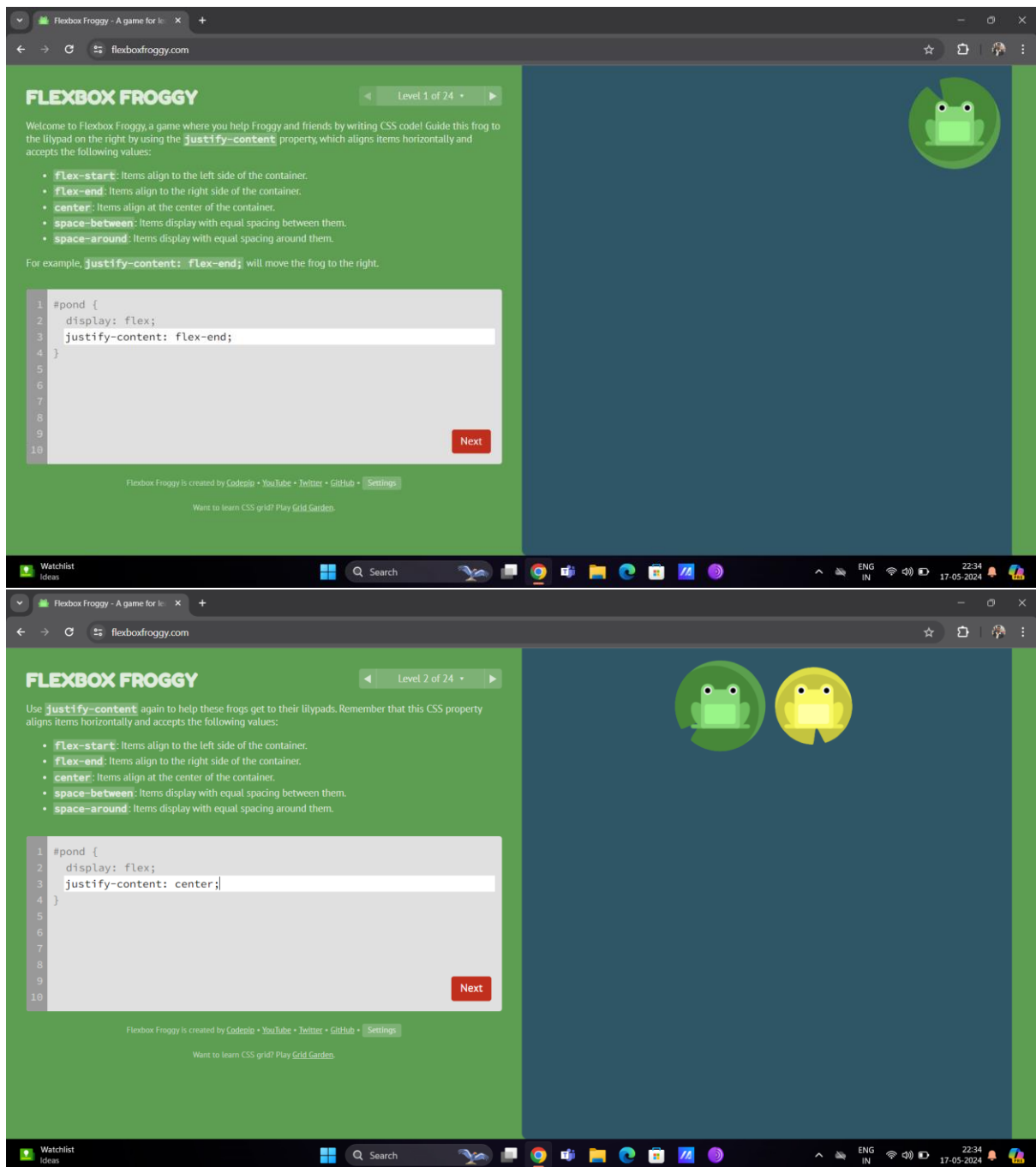


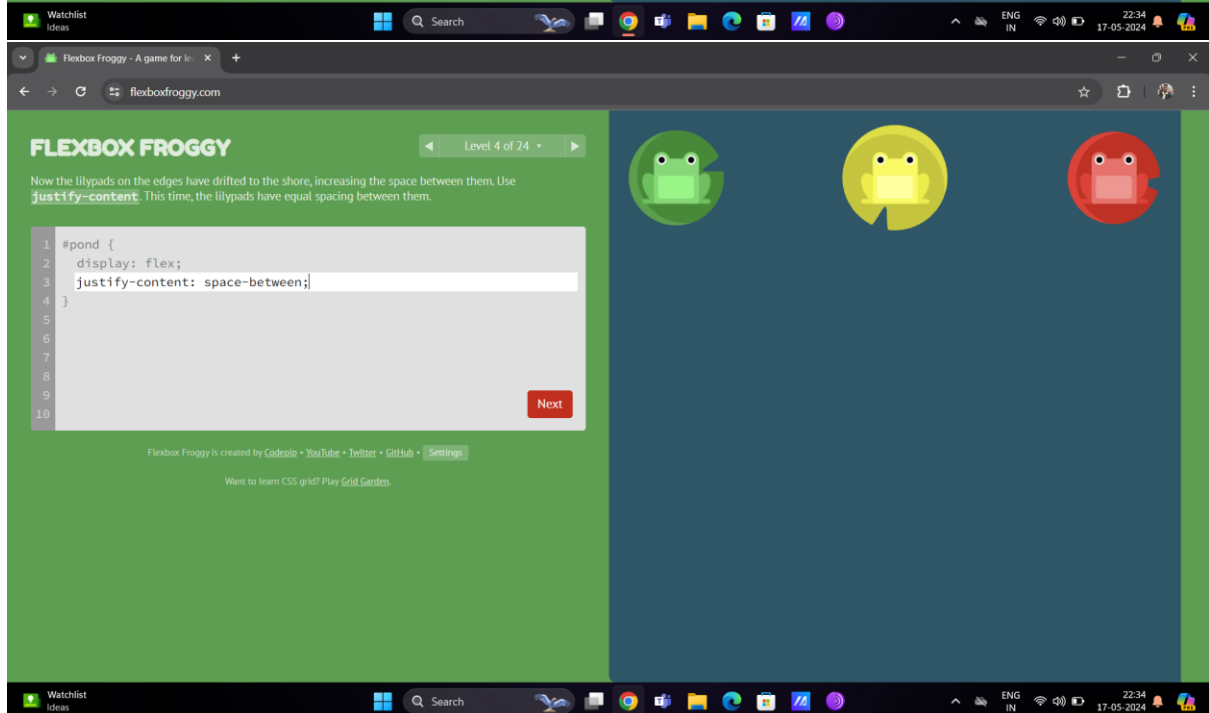
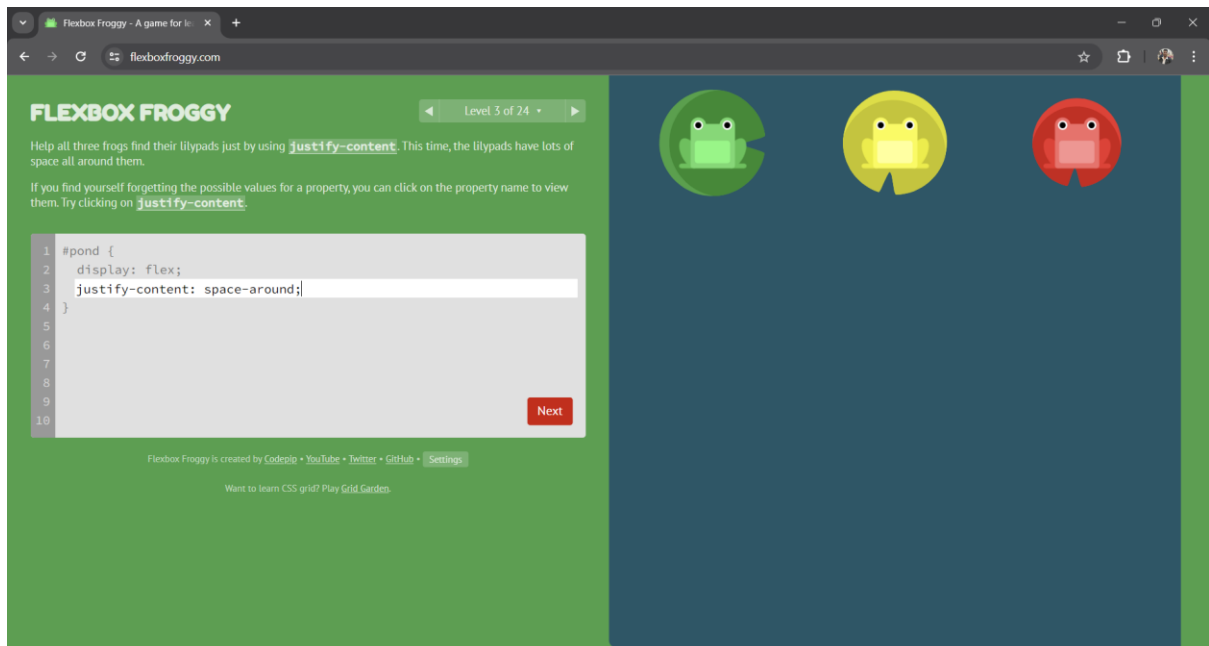
Name: Amritanshu Singh

Batch: May batch

Course: Full Stack Web Development

Assignment: Flexbox Froggy





The image displays two sequential screenshots of the 'Flexbox Froggy' web game interface, which is designed to teach CSS Flexbox concepts through a series of levels.

Top Screenshot (Level 5 of 24):

- Header:** The game title 'FLEXBOX FROGGY' is on the left, and the progress indicator 'Level 5 of 24' is on the right.
- Instruction:** A text block explains that the goal is to use the `align-items` property to help frogs get to the bottom of the pond.
- Options List:** A bulleted list provides definitions for Flexbox properties:
 - 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.
- Code Editor:** A text area shows the CSS code for the '#pond' selector:

```
#pond {
  display: flex;
  align-items: flex-end;
}
```
- Visual Feedback:** The game area shows three frogs (green, yellow, and red) aligned to the bottom of a blue pond.
- Footer:** Credits for 'Flexbox Froggy' and a link to 'Grid Garden' are at the bottom.

Bottom Screenshot (Level 6 of 24):

- Header:** The progress indicator shows 'Level 6 of 24'.
- Instruction:** The goal is to lead the frog to the center of the pond using a combination of `justify-content` and `align-items`.
- Code Editor:** The CSS code for the '#pond' selector is updated to:

```
#pond {
  display: flex;
  justify-content: center;
  align-items: center;
}
```
- Visual Feedback:** The game area shows a single green frog centered in the blue pond.
- Footer:** Credits and the 'Grid Garden' link are present at the bottom.

Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

FLEXBOX FROGGY

Level 7 of 24




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

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

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

FLEXBOX FROGGY

Level 8 of 24

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 }
5
6
7
8
9
10
```

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for learning CSS

flexboxfroggy.com

Level 9 of 24

FLEXBOX FROGGY

Help the frogs find their column of lily pads 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: column;
4 }
5
6
7
8
9
10
```

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for learning CSS

flexboxfroggy.com

Level 10 of 24

FLEXBOX FROGGY

Help the frogs get to their own lily pads. 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.

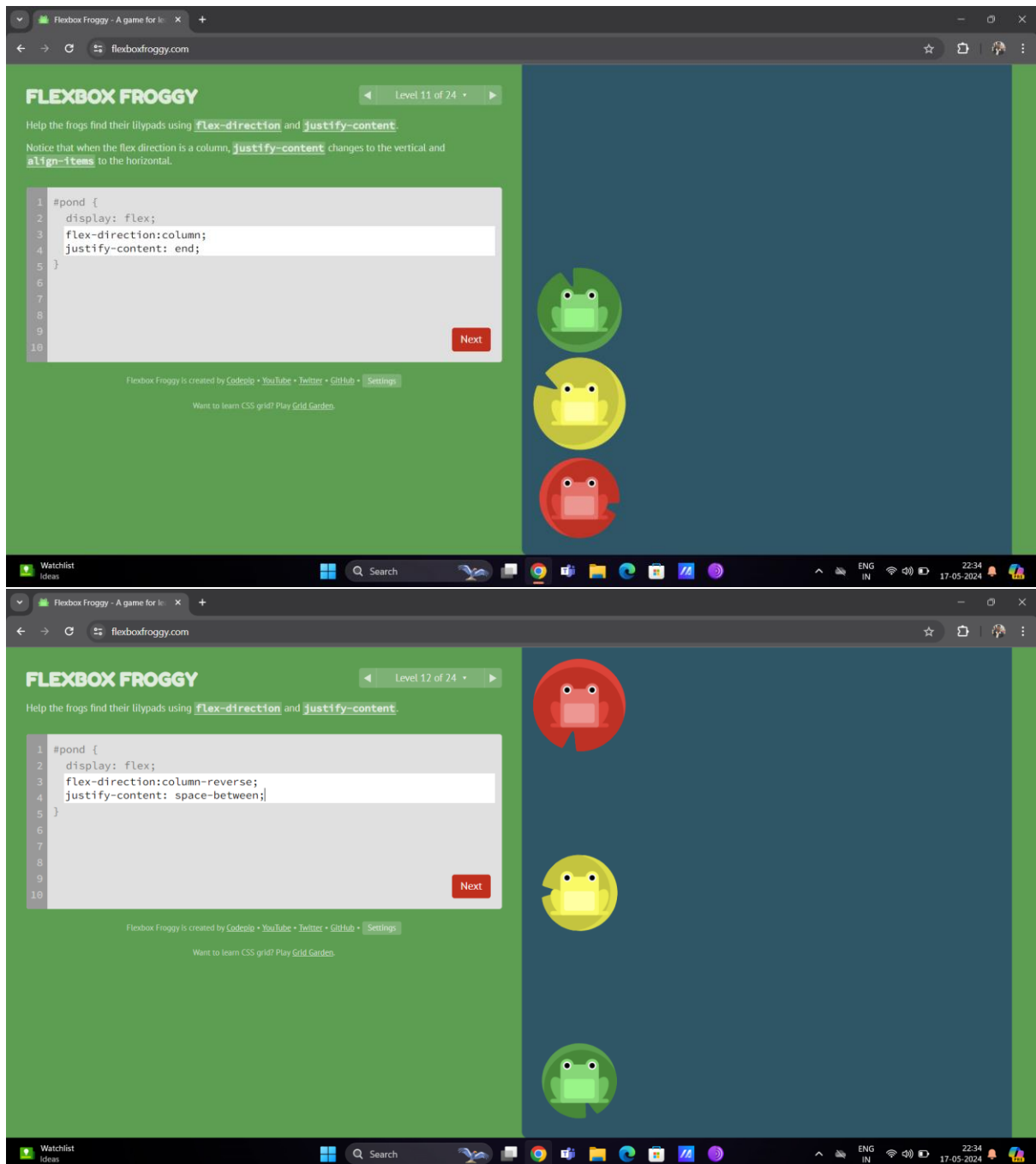
```
1 #pond {
2   display: flex;
3   flex-direction: row-reverse;
4   justify-content: start;
5 }
6
7
8
9
10
```

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).





Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

Level 13 of 24

FLEXBOX FROGGY

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

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

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

Level 14 of 24

FLEXBOX FROGGY

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: 2;
7 }
8
9
10
```

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Watchlist
Ideas

Search



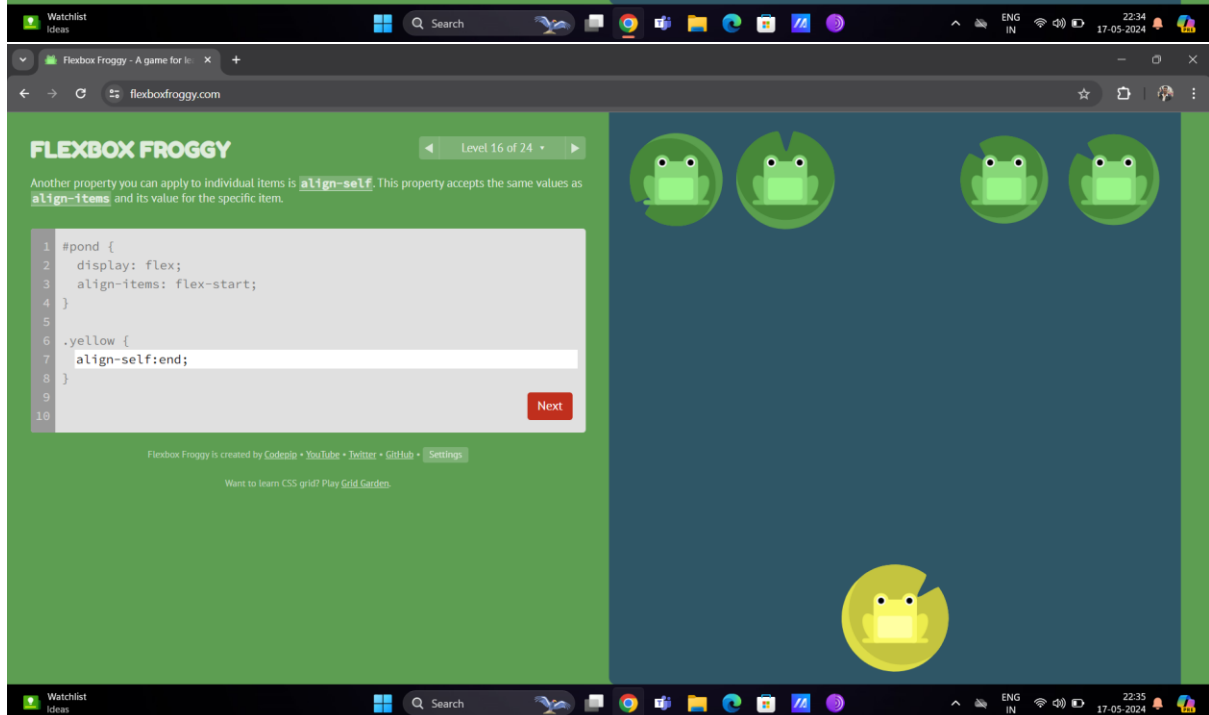
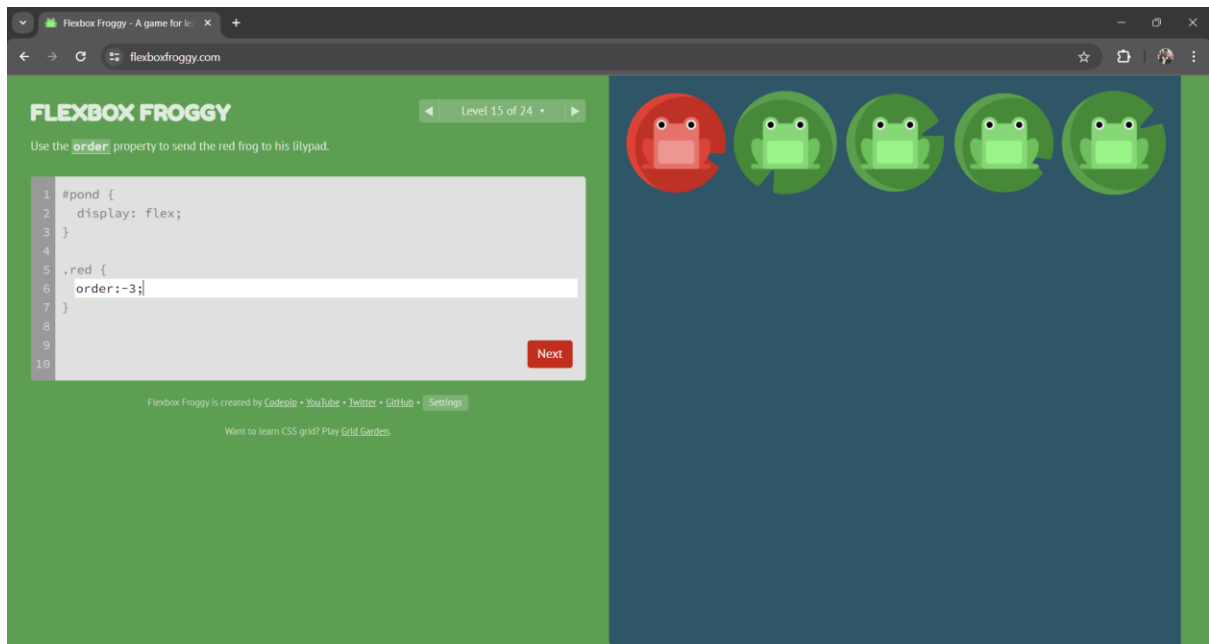
ENG IN 22:34 17-05-2024

Watchlist
Ideas

Search



ENG IN 22:34 17-05-2024



Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

FLEXBOX FROGGY

Level 17 of 24



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: 2;
8   align-self: end;
9 }
10
```

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

FLEXBOX FROGGY

Level 18 of 24

Oh no! The frogs are all squeezed onto a single row of lily pads. 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
10
```

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

Level 19 of 24

FLEXBOX FROGGY

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

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

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).

Watchlist

Ideas

Search

ENG IN

22:35

17-05-2024

Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

Level 20 of 24

FLEXBOX FROGGY

The two properties **flex-direction** and **flex-wrap** are used so often together that the shorthand property **flex-flow** was created to combine them. This shorthand property accepts the value of the two properties separated by a space.

For example, you can use **flex-flow: row wrap** to set rows and wrap them.

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

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

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).

34°C Cloudy

Search

ENG IN

22:35

17-05-2024

Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

FLEXBOX FROGGY

Level 21 of 24

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

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for learning CSS Flexbox

flexboxfroggy.com

FLEXBOX FROGGY

Level 22 of 24


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

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

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).



Flexbox Froggy - A game for li...

flexboxfroggy.com

FLEXBOX FROGGY

Level 23 of 24

The frogs have had a party, but it is time to go home. Use a combination of `flex-direction` and `align-content` to get them to their lily pads.

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

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).

34°C Cloudy

Search

ENG IN

22:35 17-05-2024

Flexbox Froggy - A game for li...

flexboxfroggy.com

FLEXBOX FROGGY

Level 24 of 24

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

Next

Flexbox Froggy is created by [Codecademy](#) • [YouTube](#) • [Twitter](#) • [GitHub](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).

34°C Cloudy

Search

ENG IN

22:35 17-05-2024