



WELCOME TO 10 DAYS WEB DEVELOPMENT WORKSHOP

COVERS HTML, CSS AND BASIC JS

#DAY6

 <https://tiny.cc/itsnpdiscord>

 info@itsnp.org

css transition

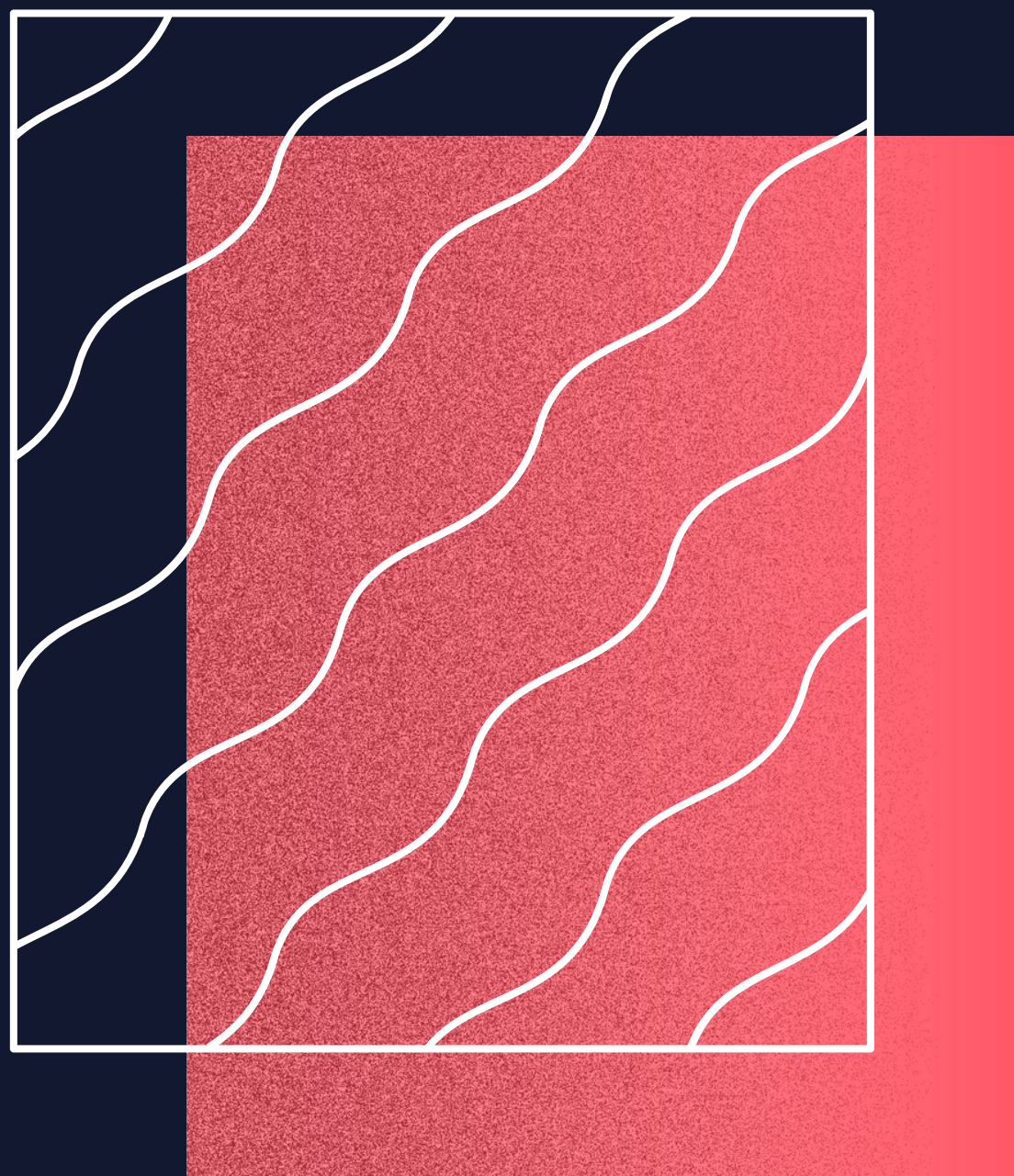
- CSS transitions let us create gradual transitions between the values of specific CSS properties
- transition properties can control the behavior of the transition





TRANSITION PROPERTIES

- **transition**
- **transition-delay**
- **transition-duration**
- **transition-property**
- **transition-timing-function**

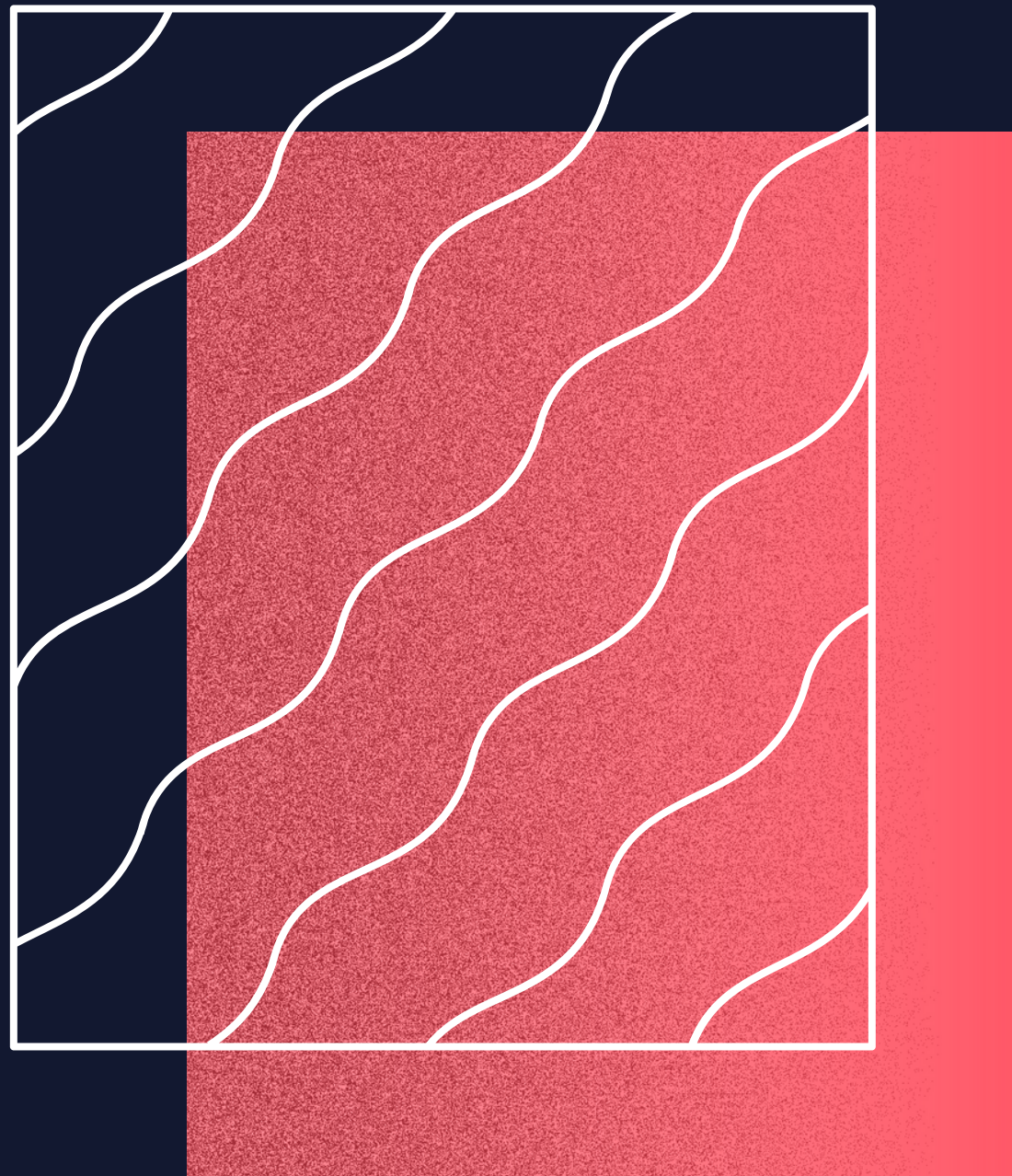


transition-property

It specifies in which property the css transition will be applied

SYNTAX

```
div {  
    transition-property: width;  
}
```

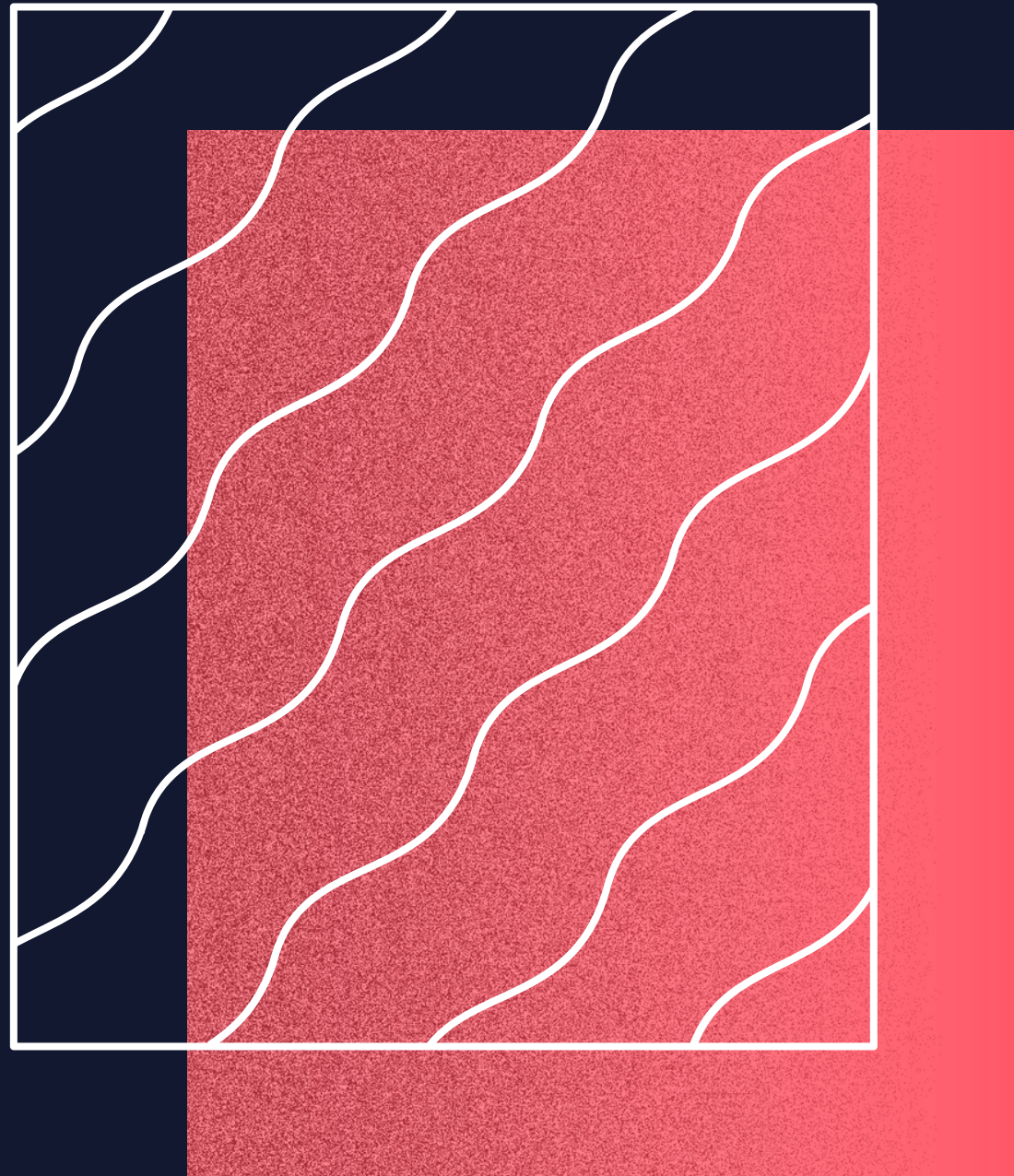



transition-duration

It specifies the duration of the transition

SYNTAX

```
div {  
  transition-duration: 2s;  
}
```

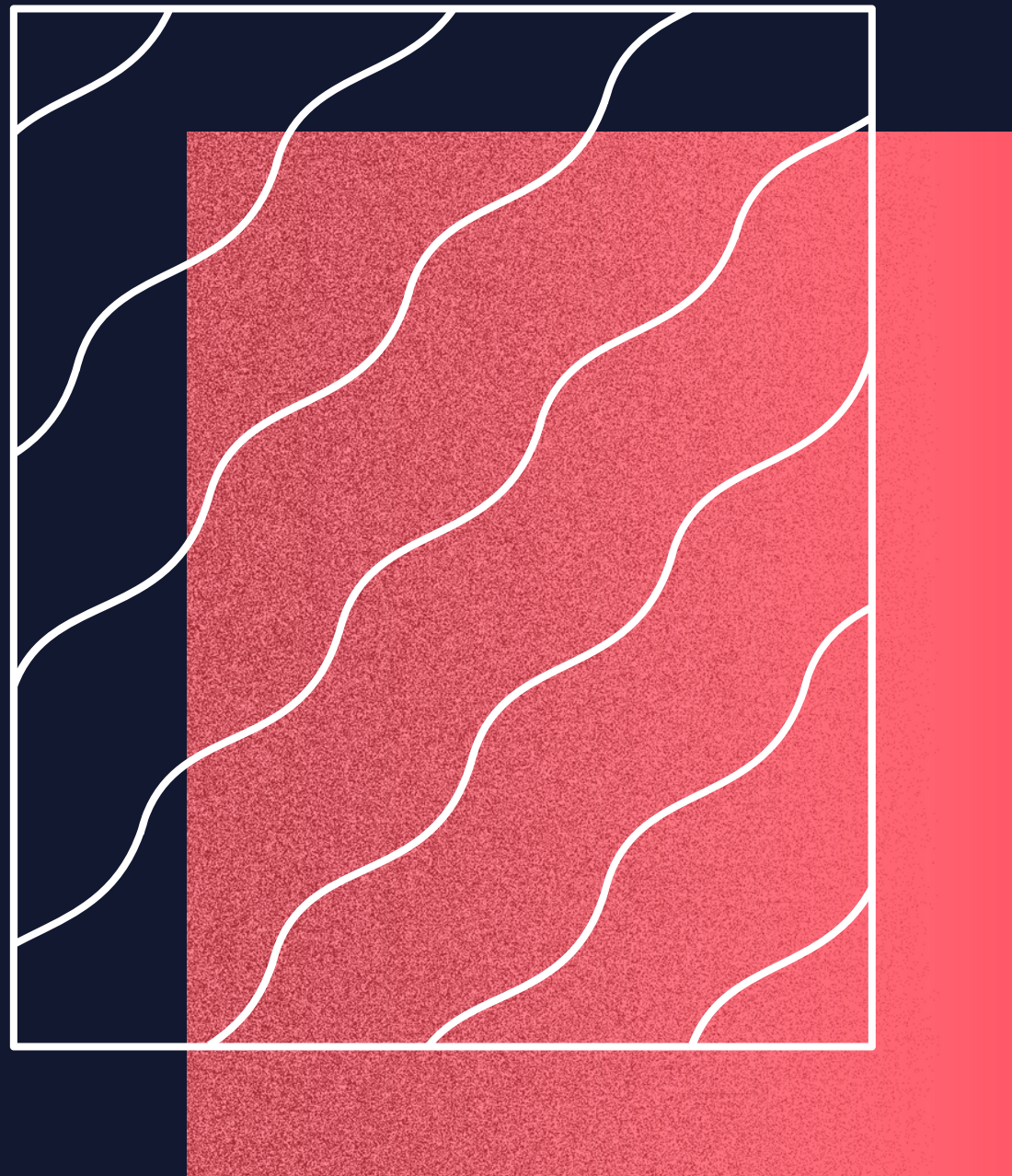


transition-delay

It specifies the time that we need to wait before starting the transition

SYNTAX

```
div {  
  transition-delay: 2s;  
}
```

transition-timing-function

It specifies the speed curve of the transition effect

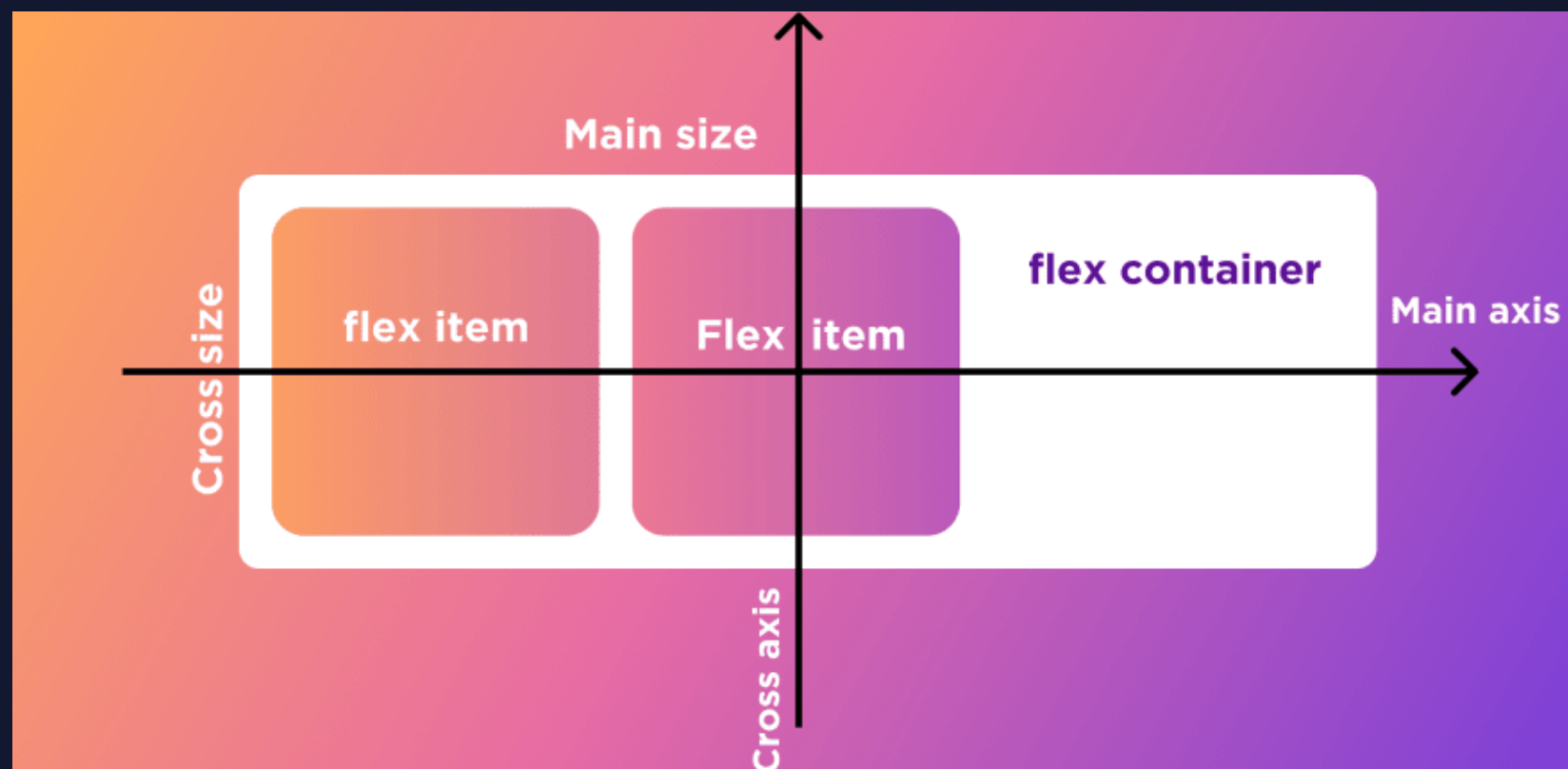
SYNTAX

```
div {  
    transition-timing-function: ease-in;  
}
```

flexbox

- flexbox is one dimensional layout method for arranging data in rows and columns
- flexbox allows us to create awesome layout with it's amazing feature of arranging items





FLEX CONTAINER

AN ELEMENT THAT IS CONTAINING FLEX ITEMS

WE CAN SET `display` PROPERTY TO `flex` TO CREATE A FLEX CONTAINER

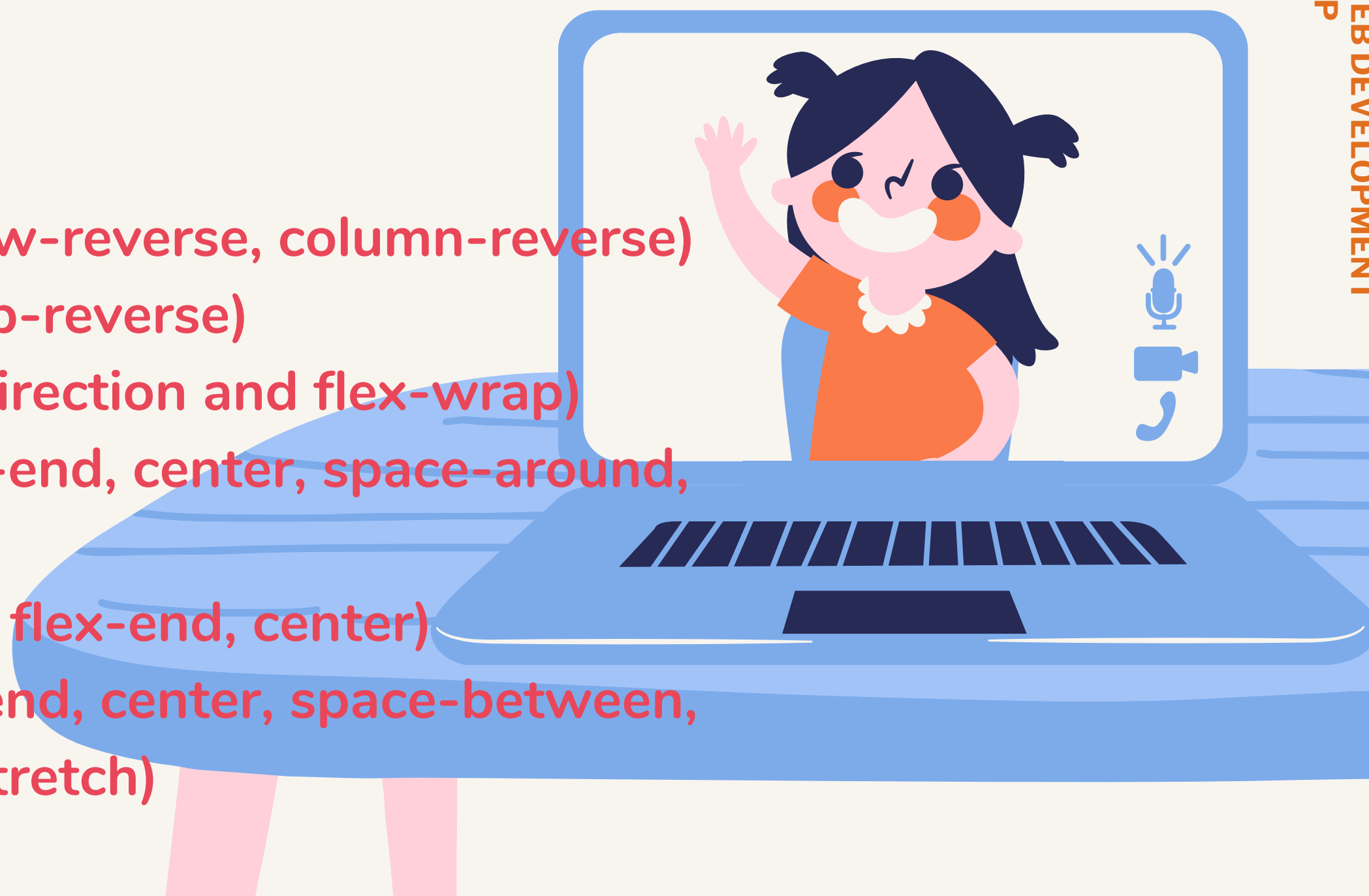
CREATING FLEX CONTAINER

```
.container {  
  display: flex;  
}
```



flex container properties

- flex-direction (row, column, row-reverse, column-reverse)
- flex-wrap (nowrap, wrap, wrap-reverse)
- flex-flow (shorthand for flex-direction and flex-wrap)
- justify-content (flex-start, flex-end, center, space-around, space-between, space-evenly)
- align-items (stretch, flex-start, flex-end, center)
- align-content (flex-start, flex-end, center, space-between, space-around, space-evenly, stretch)



FLEX ITEM PROPERTIES

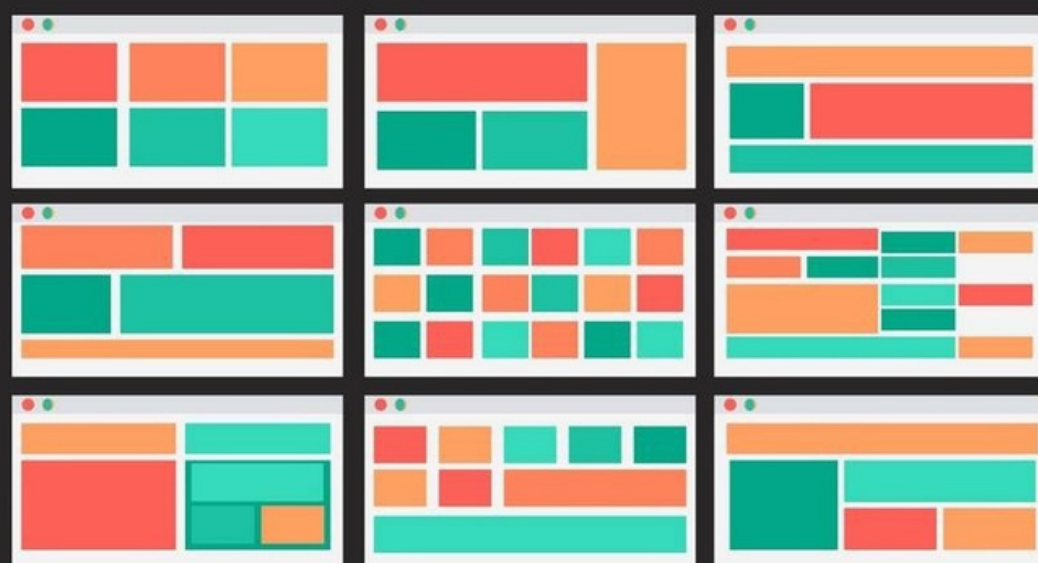
- **flex-basis** (sets the initial length)
- **flex-grow** (how much flex item will grow relative to the rest of the flex items)
- **flex-shrink** (how much a flex item will shrink relative to the rest of the flex items)
- **align-self** (aligns the flex item)
- **order** (specifies the order of flex item)



grid

- It is two dimensional layout system lets you arrange content in rows and columns





CSS Grid

GRID CONTAINER

AN ELEMENT THAT IS CONTAINING
GRID ITEMS

WE CAN SET `display` PROPERTY TO `grid`
TO CREATE A GRID CONTAINER

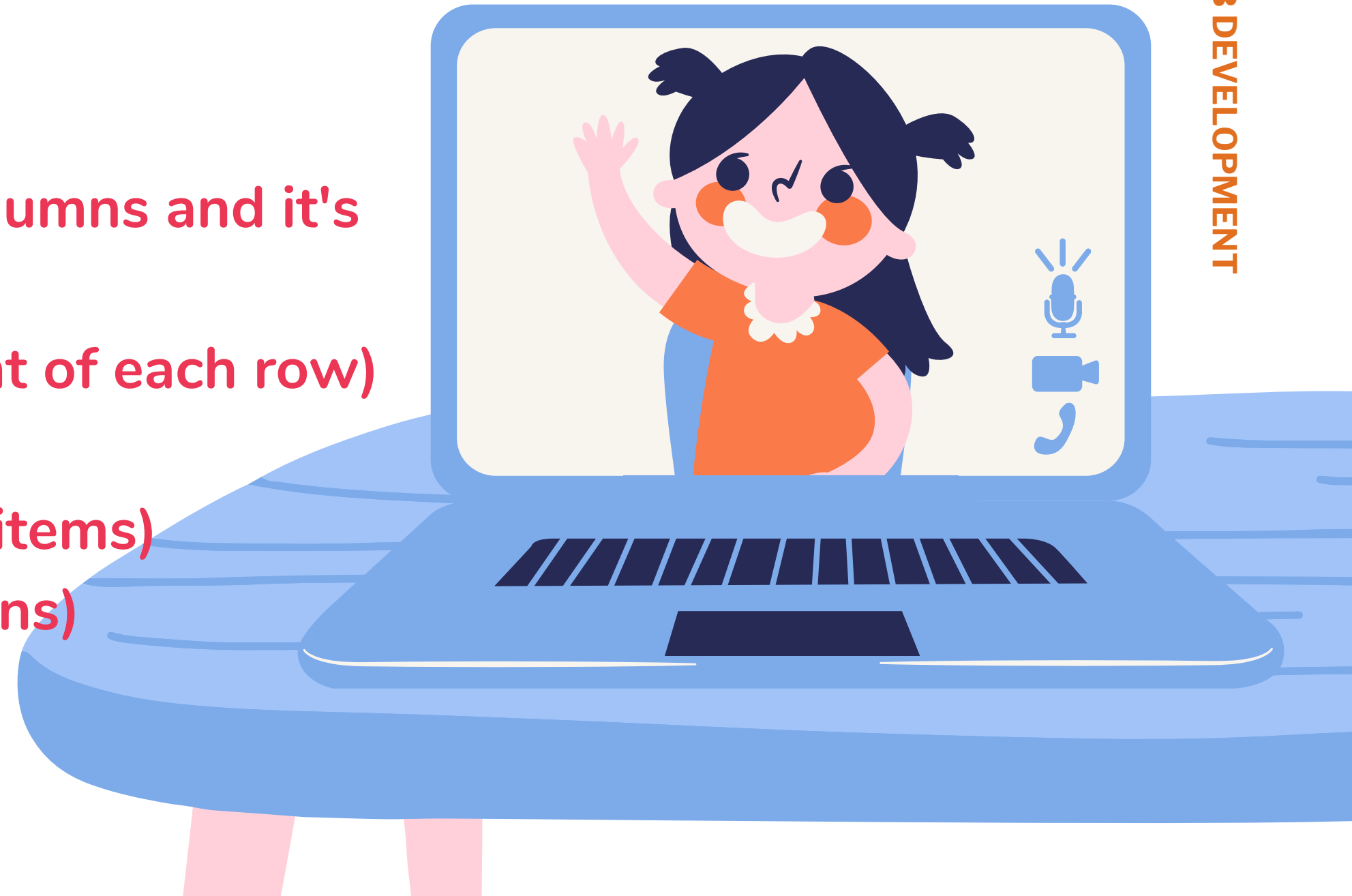
CREATING GRID CONTAINER

```
.container {  
  display: grid;  
}
```



grid container properties

- `grid-template-columns` (number of columns and it's width)
- `grid-template-rows` (defines the height of each row)
- `justify-content` (same as flexbox)
- `align-content` (used to vertically align items)
- `grid-column-gap` (gap between columns)
- `grid-row-gap` (gap between rows)



GRID ITEM PROPERTIES

- grid-column-start (specifies the start column)
- grid-column-end (specifies the end column)
- grid-row-start (specifies the start row)
- grid-row-end (specifies the end row)



THANK YOU!

DAY 6 WAS AWESOME HAVING YOU!
HOPE WE GAVE THE BEST

DAY 6 OVER

