

CSS Day-2 Interview Q&A

1. What is box-sizing?

Box-sizing property defines how the width and height gets applied on an element.

syntax:

box-sizing: content-box|border-box;

content-box:

- This is the default value of the box-sizing property.
- In this mode, the width and height properties include only the content.
- Border and padding are not included in it
- the actual width of the box will be equal to the border and padding and width of the box (Actual width : width + border + padding).

border-box

- In this mode, the width and height properties include content, padding, and borders
- the actual width will be equal to the width of the box itself. Means if we will increase the padding or border of the box then it will not increase the width of the box.

HTML:-

```
<div class="content-box">Content box</div>
<br>
<div class="border-box">Border box</div>
```

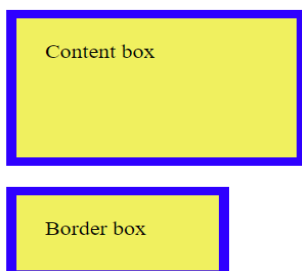
CSS:-

```
div {
  width: 160px;
  height: 80px;
  padding: 20px;
  border: 8px solid rgb(47, 0, 255);
  background: rgb(240, 240, 95);
}

.content-box{
  box-sizing: content-box;
}

.border-box {
  box-sizing: border-box;
}
```

Output:-



2.what is animation-delay?

It is a sub-property of CSS animation. It defines how long the animation has to wait before starting.

syntax:

animation-delay: time | initial | inherit;

- It is defined in milliseconds (ms) or seconds (s).
- Its default value is 0 seconds.

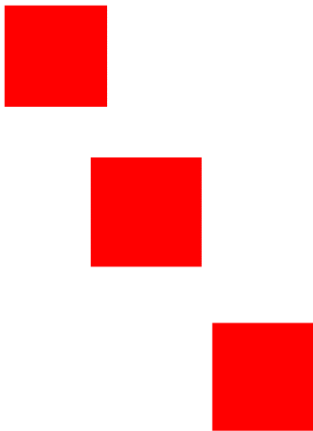
HTML:-

```
<div></div>
```

CSS:-

```
div {  
  width: 100px;  
  height: 100px;  
  background: red;  
  position: relative;  
  animation: moving 5s infinite;  
  animation-delay: 3s;  
}  
  
@keyframes moving {  
  from {left: 0px;}  
  to {left: 200px;}  
}
```

Output:-



3. Which property will you use to merge cells vertically in a grid?

grid-column-start and grid-column-end property can be used to merge cells vertically.

syntax:

grid-column: grid-column-start / grid-column-end;

It also has a shorthand i.e., grid-column: start/end

These properties are applicable only to child elements not to parent elements

HTML:-

```
<div class="grid-container">  
  <div class="item item1">1</div>
```

```

        <div class="item">2</div>
        <div class="item">3</div>
        <div class="item">4</div>
        <div class="item">5</div>
        <div class="item">6</div>
    </div>

```

CSS:-

```

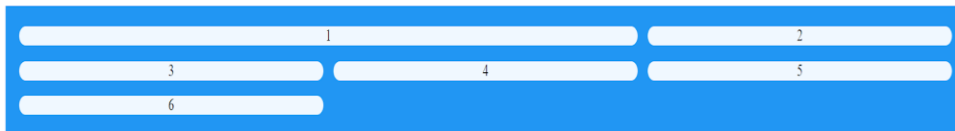
.grid-container {
    display: grid;
    grid-template-columns: auto auto auto;
    grid-gap: 15px;
    background-color: #2196F3;
    padding: 20px;
    text-align: center;
}

.item{
    background-color: aliceblue;
    border: #2196F3;
    border-radius: 20px;
}

.item1{
    grid-column: 1/3;
}

```

Output:-



4. Which property will you use to merge cells horizontally in a grid?

grid-row-start and grid-row-end property can be used to merge cells horizontally.

syntax:

grid-row: grid-row-start / grid-row-end;

It also has a shorthand i.e., grid-row: start/end

These properties are applicable only to child elements not to parent elements

Output:-

HTML:-

```

<div class="grid-container">
    <div class="item item1">1</div>
    <div class="item">2</div>
    <div class="item">3</div>
    <div class="item">4</div>
    <div class="item">5</div>
    <div class="item">6</div>
</div>

```

CSS:-

```

.grid-container {
    display: grid;
    grid-template-columns: auto auto auto;
    grid-gap: 15px;
    background-color: #2196F3;
    padding: 20px;
}

```

```

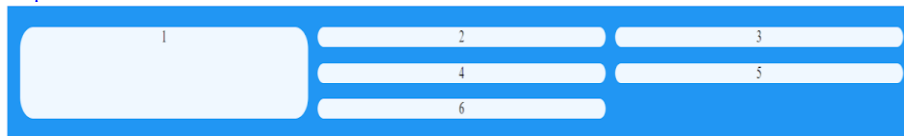
        text-align: center;
    }

    .item{
        background-color: aliceblue;
        border: #2196F3;
        border-radius: 20px;
    }

    .item1{
        grid-row: 1/4;
    }

```

Output:-



5.What is the difference between display none and visibility hidden?

display: none;

- The display: none property is used to hide elements without deleting them. It does not take up any space.
- In this case, the tag is removed from the page, which allows other elements to fill in.

visibility: hidden;

- The visibility: hidden property also hides an element, but affects the layout i.e., it takes up the space
- The element is hidden from view but not the page flow.