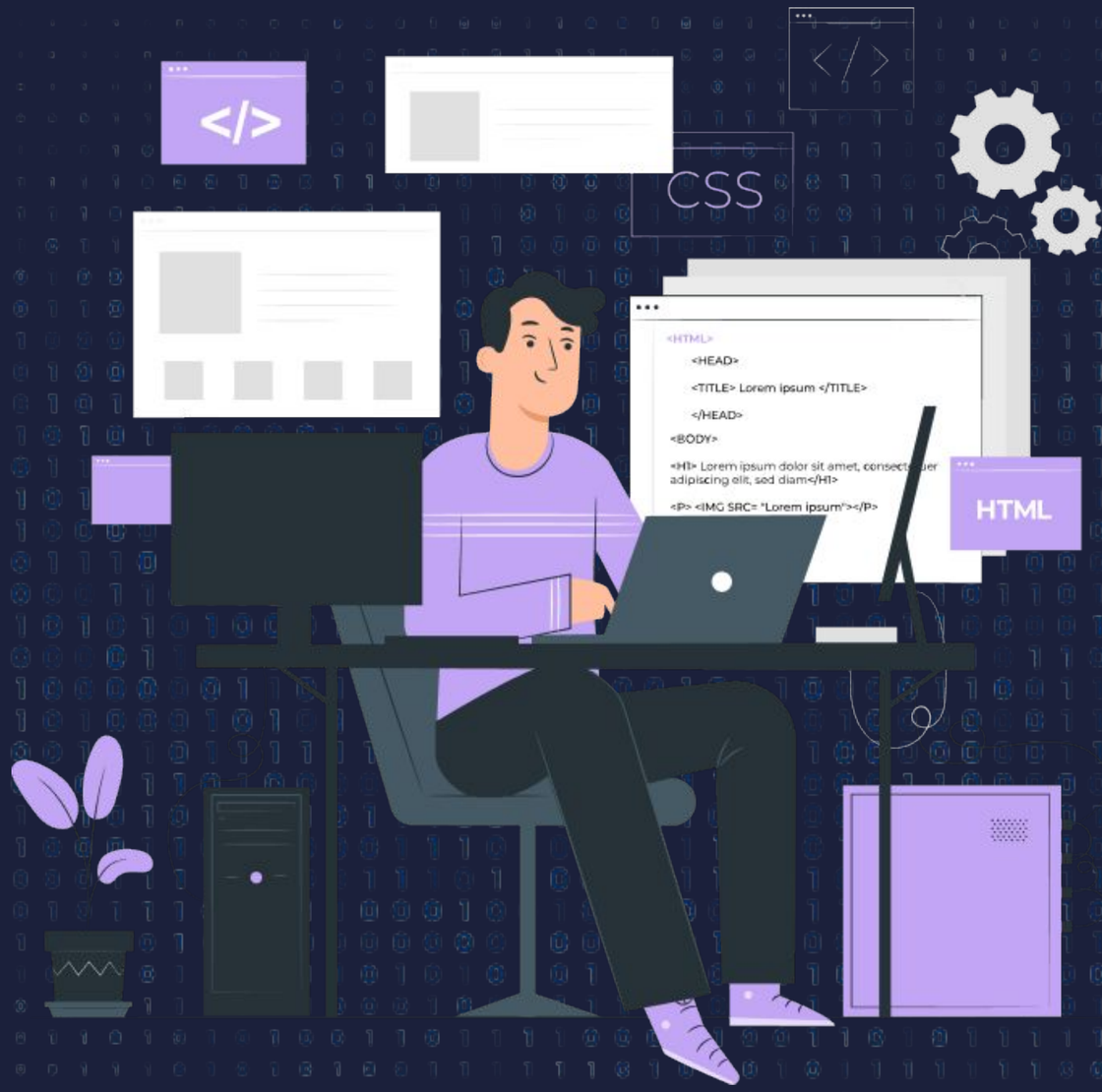
PW SKILLS

Transition



Topics

- What is Transition?
- Transition properties
- Examples

What is Transition?

Control the speed of animation as you modify CSS attributes.

Transition properties

To define a transition, we need to set few transition properties that we will study here,

1. transition-property

Specifies which properties will be transitioned.

```
transition-property: none;
transition-property: color;
transition-property: width;
transition-property: all;
```

2.transition-duration

Duration of the transition in seconds or milliseconds.

```
transition-duration: 6s;
transition-duration: 120ms
```

3.transition-timing-function

Duration of the transition in seconds or milliseconds.

```
transition-timing-function: ease;
transition-timing-function: ease-in;
transition-timing-function: ease-out;
transition-timing-function: ease-in-out;
```

4.transition-delay

Delay before the transition starts in seconds or milliseconds.

```
transition-delay: 3s;
transition-delay: 3000ms;
```

Transition Shorthand property

We can define transitions, in one line using below syntax.

```
transition: property_name duration easing function delay
```

Examples

Example 1 : Transition between links background colours.

HTML

```
<nav>
   <a href="#">Home</a>
   <a href="#">About</a>
   <a href="#">Pricing</a>
   <a href="#">Events</a>
</nav>
```

CSS

```
nav {
   display: flex;
   gap: 0.5rem;
}

a {
  flex: 1;
  background-color: #333;
  color: #fff;
  border: 1px solid;
  padding: 0.5rem;
  text-align: center;
  text-decoration: none;
  transition: all 0.5s ease-out;
}

a:hover, a:focus {
   background-color: #fff;
   color: #445ed1;
}
```

Example 1 output

It is used to change the width and height of an element.

Example 2

Transition on changing width of circle.

HTML

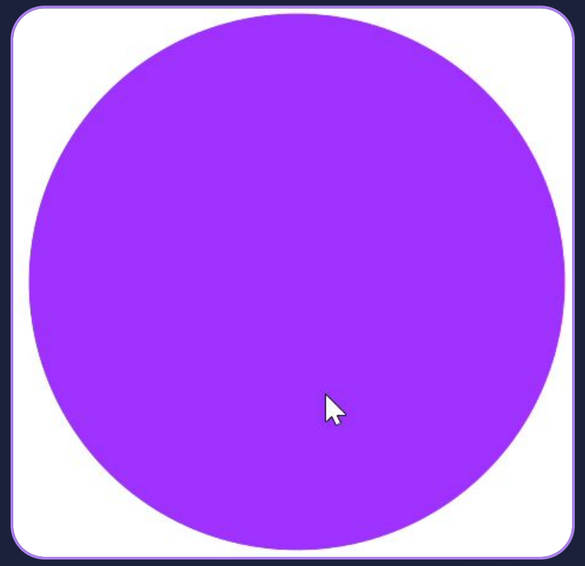
```
<div class="elem"></div>
```

CSS

```
.elem {
   background: blueviolet;
   width: 150px;
   height: 150px;
   transition: 500ms ease-in-out;
   border-radius: 75px;
   margin-left: 100px;
   margin-top: 100px;
}

.elem:hover {
  transform: scale(2);
}
```

Example 2 output



PW SKILLS

THANK YOU