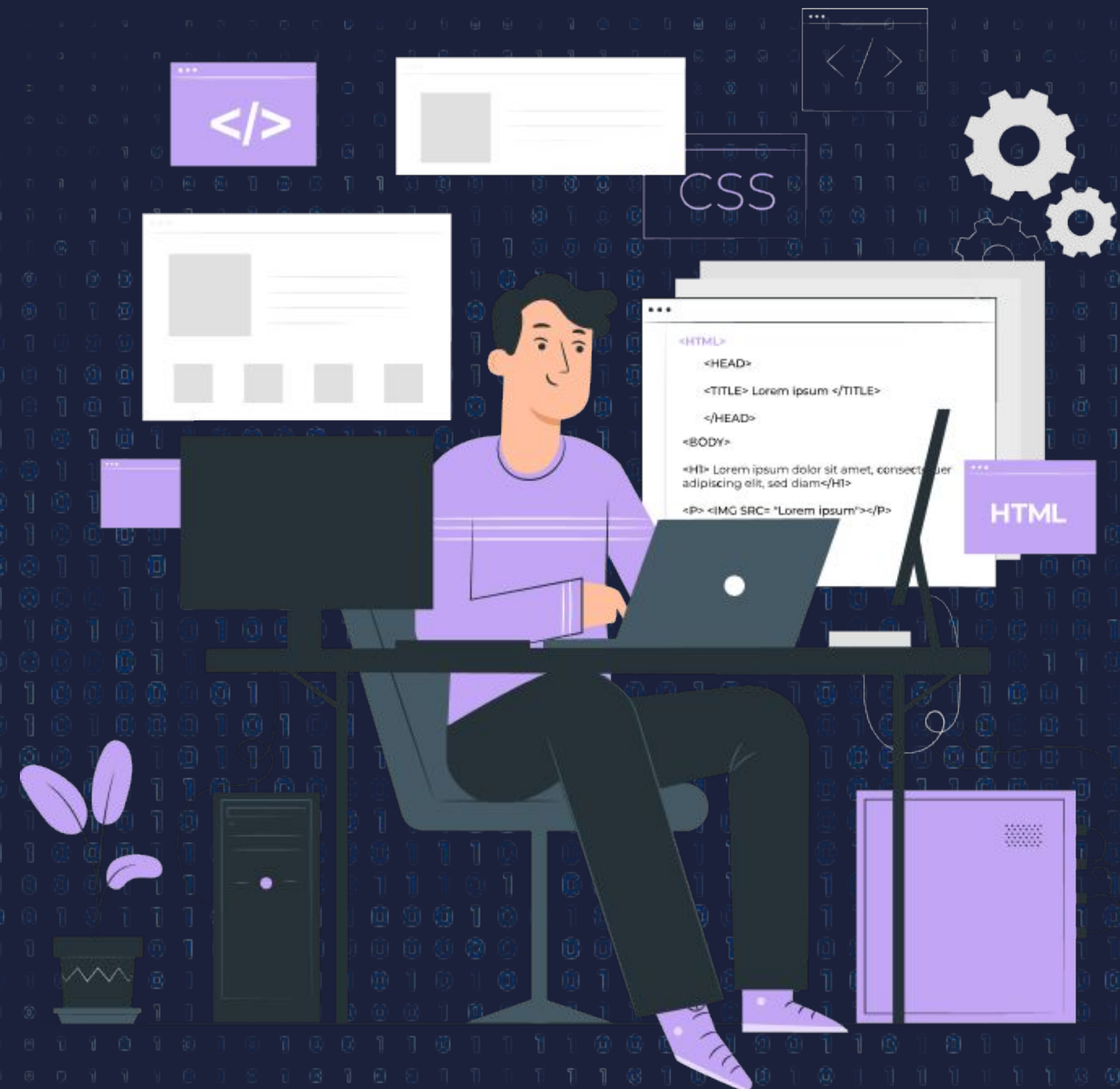# Color and Background

Topic

- Colors and their various format in CSS

- Applying Color to the HTML element using CSS with an example

- CSS background with its different properties and example

Colors and their various format in CSS

In CSS colors refers to the visual aspect of an element, such as the foreground or background color, text color, border color, etc.

Some of the related CSS color properties can be of -

- colors value
- background color
- border-color
- outline-color
- box-shadow
- text-shadow
- opacity

Continue - CSS various format with example

Predefined color keyword ➡️

```
h1 {
    color: black
}
```

RGB and RGBa ➡️

```
body {
    background-color: #000000
}
/* output - black body background*/
```

Hexadecimal notation ➡️

```
body {
    background-color: hsla(240, 100%, 50%, 0.5);
}
/* output - body background color similar to purple color*/
```

HSL and HSLa ➡️

```
p {
    background-color: rgba(0,0,0, 0.5)
}
/* output - light black background color */
```

Applying Color to the HTML element using CSS with an example

HTML

```
<!DOCTYPE html>
<html>
  <head>
    <title>Example of Semantic HTML Tags</title>
      <style>
      body {
        background-color: hsla(240, 100%, 50%, 0.5);
        color: white;
      }

      /* before and after selector - insert content to before and after */
    </style>
  </head>
  <body>
    <p>
      Lorem, ipsum dolor sit amet consectetur adipisicing elit. Sequi
      consequuntur error ratione molestiae dignissimos earum quisquam
      aspernatur, repudiandae dicta sapiente.
    </p>
  </body>
</html>
```

Output

Lorem, ipsum dolor sit amet consectetur adipisic
consequuntur error ratione molestiae dignissimo
aspernatur, repudiandae dicta sapiente.

CSS background with its different properties and example -

In CSS, the background property is used to set one or more background properties for an element.

The different properties of the CSS background property are,
1. background-color
2. background-attachment
3. background-clip
4. background-image
5. background-origin
6. background-blend-mode
7. background-position
8. background-position-x,
9. Background-position-y
10. background-repeat
11. background-size

background-color

```
/*set color to the background of the document or element*/

body {
 background-color: blue
}
/* output - background color of blue*/
```

Output

background-image

```
/* set background with the provided image*/
body {
    background-image: url(images.jpg);
}
```
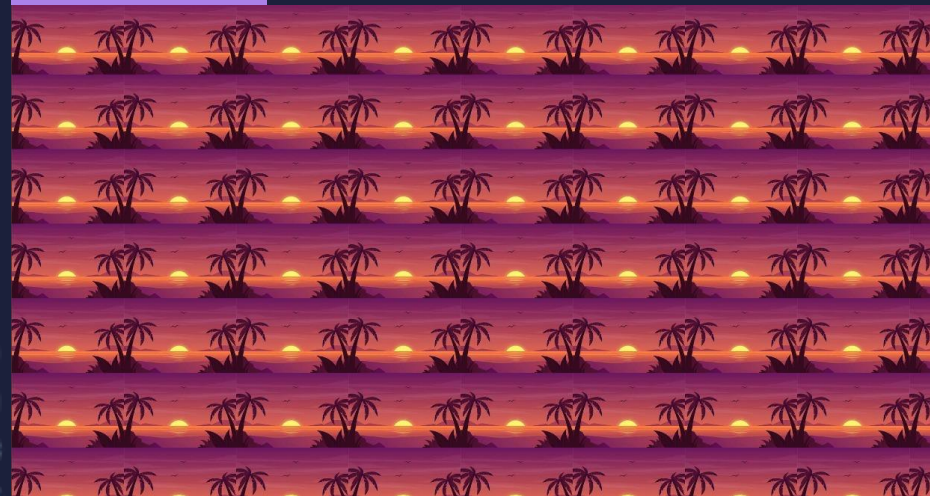
Output

background-size

```
/* set background with the provided image*/
body {
    background-image: url(images.jpg);
    background-size: 100px;
}
```

Output

background-repeat

```
/* set background with the provided image*/

body {
    background-image: url(image.jpg);
    background-repeat:no-repeat;
}

/* It will stop the image from repeating */
```

background-position

```
/* this will set the position of the background
image*/
body {
    background-image: url(images.jpg);
    background-repeat: no-repeat;
    background-position: top right;
}

/* It can have value of - left, center, bottom,
right and son on.*/
```

Background shorthand property

Background and properties

```
.container {
  background-color: #ffffff;
  background-image:
url("https://picsum.photos/200");
  background-repeat: no-repeat;
  background-position: right top;
}
```

Background shorthand

```
.container {
  height: 50vh;
  border: 1px solid
  background: grey
url(https://picsum.photos/200)
no-repeat right top;
}
```

Background output -

PW SKILLS