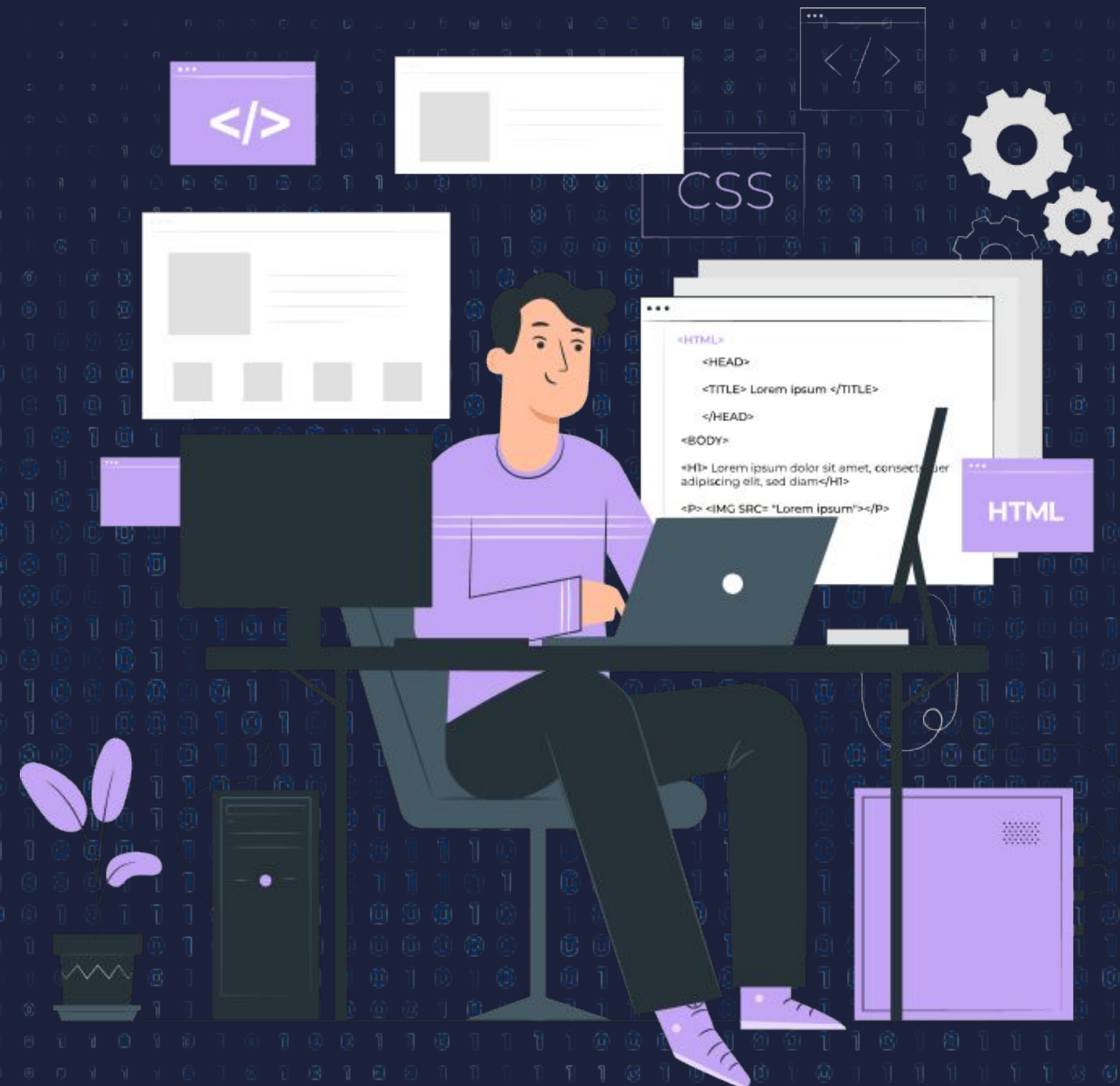




# Overflow and Z-Index





# Topics Covered

- Overflow
- CSS Z-Index.





# Overflow

The overflow property in CSS determines what happens to content that is too large to fit in an element's box.

The overflow property has the following values:

- visible
- clip
- hidden
- scroll
- auto



# Example

## HTML

```
<!DOCTYPE html>
<html lang="en-US">
<head>
  <title>Overflow</title>
</head>
<body>
  <p class="para">
    PW Skills is the result of a continual effort to
    exponentially increase the employability of every
    Indian, irrespective of their socioeconomic status.
    With accessibility and affordability being the
    support structure
  </p>
</body>
</html>
```

In later sliders, we will set **overflow** property of **para** element with different values and observe the behaviour





# overflow:visible

## CSS

```
.para {  
  overflow: visible;  
  border: 1px solid black;  
  background-color: aquamarine;  
  padding: 20px;  
  height: 100px;  
}
```

## Output

PW Skills is the result of a continual effort to exponentially increase the employability of every Indian, irrespective of their socioeconomic status. With accessibility and affordability being the support structure of high-quality, industry-relevant courses, PW Skills aims to empower professionals and students alike to either jumpstart their careers or leverage existing skills with new, future-driven upgrades that will help them realise their full potential.



# overflow: hidden

## CSS

```
.para {  
  border: 1px solid black;  
  background-color: aquamarine;  
  padding: 20px;  
  height: 100px;  
  overflow: hidden;  
}
```

## Output

PW Skills is the result of a continual effort to exponentially increase the employability of every Indian, irrespective of their socioeconomic status. With accessibility and affordability being the support structure of high-quality, industry-relevant courses, PW Skills aims to empower professionals and students alike to

side-income, test their career, and become experts in their field with more future-driven





# overflow: clip

## CSS

```
.para {  
  border: 1px solid black;  
  background-color: aquamarine;  
  font-size: 20px;  
  padding: 20px;  
  height: 80px;  
  overflow: clip;  
}
```

## Output

PW Skills is the result of a continual effort to exponentially increase the employability of every Indian, irrespective of their socioeconomic status. With accessibility and affordability being the support structure of high-quality, industry-relevant courses, PW Skills aims to empower professionals and students alike to either jumpstart their careers or leverage existing skills with new, future-driven upgrades that will help them realise their full potential.



# overflow: scroll

## CSS

```
.para {  
  border: 1px solid black;  
  background-color: aquamarine;  
  font-size: 20px;  
  padding: 20px;  
  height: 80px;  
  overflow: scroll;  
}
```

## Output

PW Skills is the result of a continual effort to exponentially increase the employability of every Indian, irrespective of their socioeconomic status. With accessibility and affordability being the support structure of high-quality, industry-relevant courses PW Skills aims to empower professionals and students alike to





# overflow: auto

## CSS

```
.para {  
  border: 1px solid black;  
  background-color: aquamarine;  
  font-size: 20px;  
  padding: 20px;  
  height: 80px;  
  overflow: scroll;  
}
```

## Output

PW Skills is the result of a continual effort to exponentially increase the employability of every Indian, irrespective of their socioeconomic status. With accessibility and affordability being the support structure of high-quality, industry-relevant courses PW Skills aims to empower professionals and students alike to



# overflow-x and overflow-y

Apply overflow property in one direction.

## overflow-x

- Controls the horizontal overflow of content within an element.
- The possible values for **overflow-x** are the same as for overflow property.

## overflow-y

- Controls the vertical overflow of content within an element.
- The possible values for **overflow-y** are the same as for overflow property.





# Z-index

The z-index CSS property arranges the z-position of a positioned element.





# Example - code

## HTML

```
<!DOCTYPE html>
<html lang="en-US">
  <head>
    <title>About Us</title>
  </head>
  <body>
    <div class="container">
      <div class="box box_1">z-index 1</div>
      <div class="box box_2">z-index 2</div>
      <div class="box box_3">z-index 3</div>
    </div>
  </body>
</html>
```

## CSS

```
.container {
  position: relative;
}

.box {
  position: absolute;
  width: 100px;
  height: 100px;
  font-size: 20px;
  color: white;
}
```

```
.box_1 {
  background-color: red;
  z-index: 1;
}

.box_2 {
  left: 50px;
  top: 50px;
  background-color: green;
  z-index: 2;
}

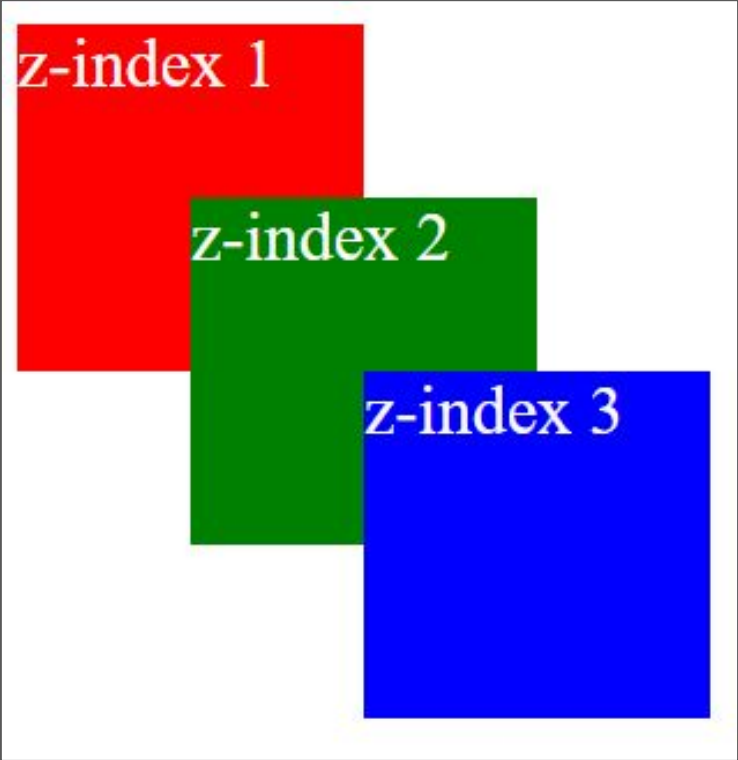
.box_3 {
  left: 100px;
  top: 100px;
  background-color: blue;
  z-index: 3;
}
```





# Example - output

Output





▶ THANK YOU ◀