Z-Index :-

* Specifies the stack order of an element.

* Which element placed (other. in front of / behind)

* An element can have positive or negative stack order.

* When elements are posistioned, they can overlap other elements.

* Only works on posistioned elements (posistion → absolute → relative and → fixed → sticky)

flex Items (elements that are direct children of display: flex elements)

* If two posistioned elements overlap each other without a Z-Index specified the element defined last in HTML Code will be shown on top.

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Without -Z-index "html

Eg:7

```html
<!DOCTYPE html>
<html>
<head>
<style>
    .container{
        posistion: relative;
    }

    .black-box{
        posistion: relative;
        border: 2px solid black;
        height: 100px;
        margin: 30px;
    }

    .gray-box{
        posistion: absolute;
        background: lightgray;
        height: 60px;
        width: 70%;
        left: 50px;
        top: 50px;
    }

    .green-box{
        posistion: absolute;
        background: lightgreen;
        width: 35%.
        left: 270px;
        top: -15px;
        height: 100px;
    }
</style>
</head>
<body>
    <div class="container">
    <div class="black-box"> Black Box (z-index:1)</div>
    <div class="gray-box">gray Box (z-index:3) </div>
    <div class="green-box">greenBox (z-index:2)</div>
    </div>
</body>
</html>
```

With z-index html

Eg2)

```html
<!DOCTYPE html>
<html>
<head>
<style>
.container {
    posistion: relative;
}

.black-box {
    posistion: relative;
    z-index: 1;
    border: 2px solid black;
    height: 100px;
    margin: 30px;
}

.gray-box {
    posistion: absolute;
    z-index: 3;
    background: lightgray;
    height: 60px;
    width: 70%;
    left: 50px;
    top: 50px;
}

.green-box {
    posistion: absolute;
    z-index: 2;
    background: lightgreen;
    width: 35%;
    left: 270px;
    top: -15px;
    height: 100px;
}
</style>
</head>
<body>
<div class="container">
<div class="black-box">Black-box (z-index: 1)</div>
<div class="gray-box">Gray-box (z-index: 3)</div>
<div class="green-box">Green-box (z-index: 2)</div>
</div>
</body>
</html>
```

Eg3)

```html
<!DOCTYPE html>
<html>
<head>
<style>
img {
    posistion: absolute;
    left: 0px;
    top: 0px;
    z-index: -1;
}
</style>
</head>
<body>
<img src=".../images-for-css/Image_list.jpg">

<p>
The image has a z-index
of -1, it will be placed
behind the text
</p>

</body>
</html>
```

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