

## Program 5

Apply positioning methods of elements on a webpage with div elements and their corresponding classes using two external stylesheets. Compare the output with absolute, and relative positioning of div elements.

index.html (relative):

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Positioning relative</title>

<!-- External Stylesheets -->
<link rel="stylesheet" href="relative.css">

</head>
<body>
<h1>Positioning with DIVs (RELATIVE)</h1>

<div class="container">
<div class="box box1">Box 1</div>
<div class="box box2">Box 2</div>
<div class="box box3">Box 3</div>
</div>
</body>
</html>
```

relative.css

```
/* relative.css */
body {
    font-family: Arial, sans-serif;
    background: #f0f0f0;
```

```
}
```

```
.container {  
    width: 600px;  
    height: 300px;  
    border: 2px solid black;  
    margin: 30px auto;  
    background: white;  
    position: relative;  
}
```

```
.box {  
    width: 100px;  
    height: 100px;  
    color: white;  
    text-align: center;  
    line-height: 100px;  
    font-weight: bold;  
}
```

```
.box1 {  
    background: red;  
    position: relative;  
    top: 20px;  
    left: 30px;  
}
```

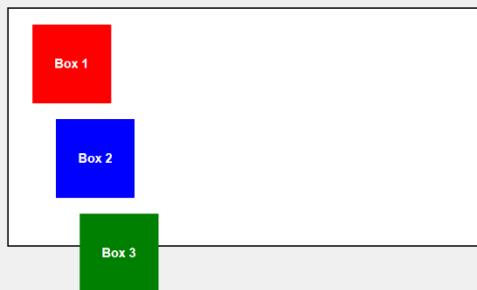
```
.box2 {  
    background: blue;  
    position: relative;  
    top: 40px;  
    left: 60px;
```

```
}
```

```
.box3 {  
background: green;  
position: relative;  
top: 60px;  
left: 90px;  
}
```

## OUTPUT:

### Positioning with DIVs (RELATIVE)



- Each box **shifts from its original flow position** by top and left.
- The boxes **still occupy their original space**, so they appear *staggered downwards*.
- Example: Box 2 moves relative to where it would normally sit (under Box 1).

index2.html (Absolut):

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Positioning absolute</title>

    <!-- External Stylesheets -->
    <link rel="stylesheet" href="absolute.css">

</head>
<body>
    <h1>Positioning with DIVs (ABSOLUTE)</h1>

    <div class="container">
        <div class="box box1">Box 1</div>
        <div class="box box2">Box 2</div>
        <div class="box box3">Box 3</div>
    </div>
</body>
</html>
```

absolute.html:

```
/* absolute.css */
body {
    font-family: Arial, sans-serif;
    background: #f0f0f0;
}

.container {
    width: 600px;
    height: 300px;
```

```
border: 2px solid black;  
margin: 30px auto;  
background: white;  
position: relative;  
}
```

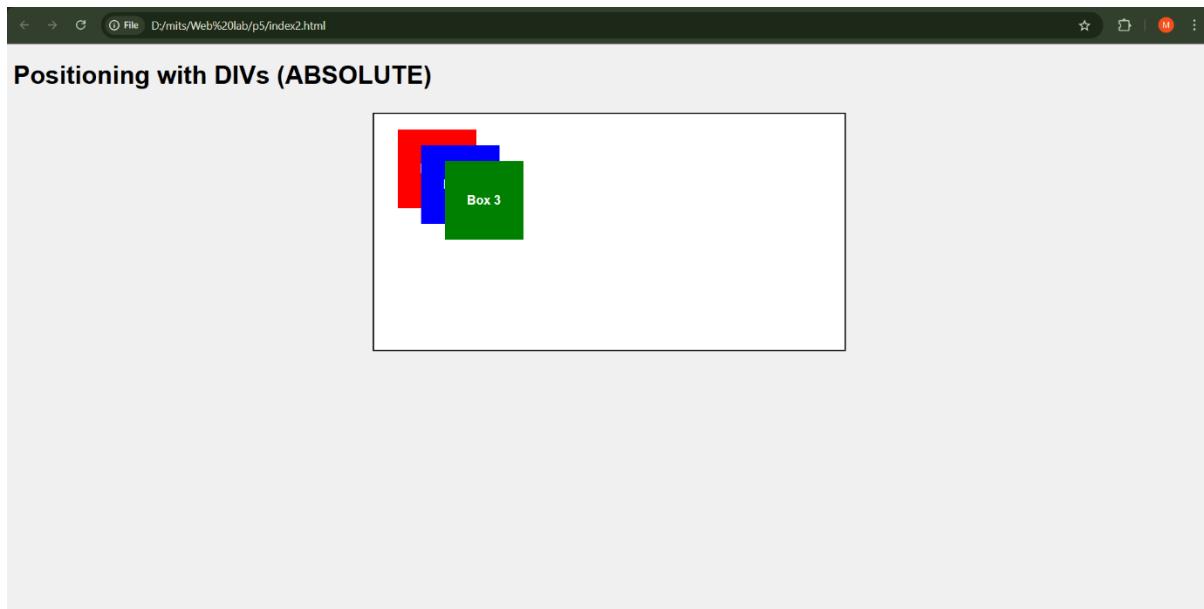
```
.box {  
width: 100px;  
height: 100px;  
color: white;  
text-align: center;  
line-height: 100px;  
font-weight: bold;  
}
```

```
.box1 {  
background: red;  
position: absolute;  
top: 20px;  
left: 30px;  
}
```

```
.box2 {  
background: blue;  
position: absolute;  
top: 40px;  
left: 60px;  
}
```

```
.box3 {  
background: green;  
position: absolute;
```

```
    top: 60px;  
    left: 90px;  
}  
  
Output:
```



- Boxes are positioned **relative to the container's top-left corner**.
- They **do not leave space in normal flow**.
- As a result, the boxes may **overlap** inside the container depending on coordinates.