

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.

Position.html

```
<html>
<head>
<link rel="stylesheet" href="pos.css">
<link rel="stylesheet" href="pos2.css">
<style>
.box {
height: 100px;
width: 100px;
margin: 5px;
}
.box2{
position: relative;
width: 700px;
height: 200px;
border: 2px solid black;
margin-top: 100px;
margin-left:10px;
}
.flex {
display: flex;
```

```
width: 700px;
height: 200px;
border: 2px solid black;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>RELATIVE POSITION</h1>
```

<p>An element with position: relative; is positioned relative to its normal position in the document flow.</p>

```
<div class="flex">
```

```
<div class="box" id="red"></div>
```

```
<div class="box" id="green"></div>
```

```
<div class="box" id="blue"></div>
```

```
<div class="box" id="yellow"></div>
```

```
</div>
```

```
<h1>ABSOLUTE POSITION</h1>
```

<p>An element with position: absolute; is positioned relative to the nearest

positioned ancestor (with position other than static). Here the parent position is

div class with "box2" and children are div with class "box" and id's "a", "b", "c", "d". </p>

```
<div class="box2">
```

```
<div class="box" id="a"></div>
```

```
<div class="box" id="b"></div>
```

```
<div class="box" id="c"></div>
```

```
<div class="box" id="d"></div>
```

```
</div>
</body>
</html>
```

Pos.css

```
#red{
position: relative;
left: 50px;
top: 20px;
background-color: red;
}
#green {
position: relative;
left: 100px;
top: 50px;
background-color: green;
}
#blue {
position: relative;
left: 150px;
top: 20px;
background-color: blue;
}
#yellow {
position: relative;
left: 200px;
top: 20px;
```

```
background-color: yellow;  
}
```

Pos2.css

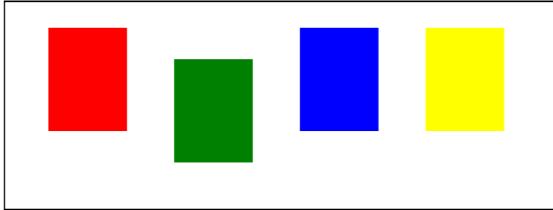
```
#a{  
position: absolute;  
left: 50px;  
top: 20px;  
background-color: yellow;  
}  
#b {  
position: absolute;  
left: 100px;  
top: 50px;  
background-color: maroon;  
}  
#c {  
position: absolute;  
left: 150px;  
top: 20px;  
background-color: black;  
}  
#d {  
position: absolute;  
left: 200px;  
top: 5px;  
background-color: blue;}
```

OUTPUT



RELATIVE POSITION

An element with position: relative; is positioned relative to its normal position in the document flow.



ABSOLUTE POSITION

An element with position: absolute; is positioned relative to the nearest positioned ancestor (with position other than static). Here the parent position is div class "box2" and children are div with class "box" and id's "a","b","c","d".

