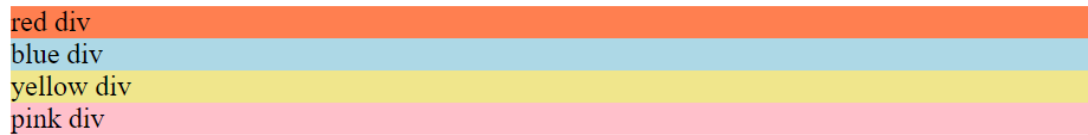


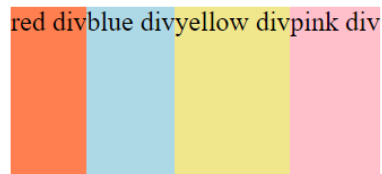
CSS Flexbox - Practice code

Problem Statement 1: Flex Grow

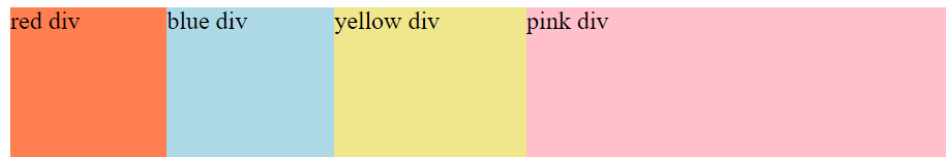
- Create a web page with a div section that has four div sections in it and apply different colors to them.



- Apply display: flex property to the main div section.

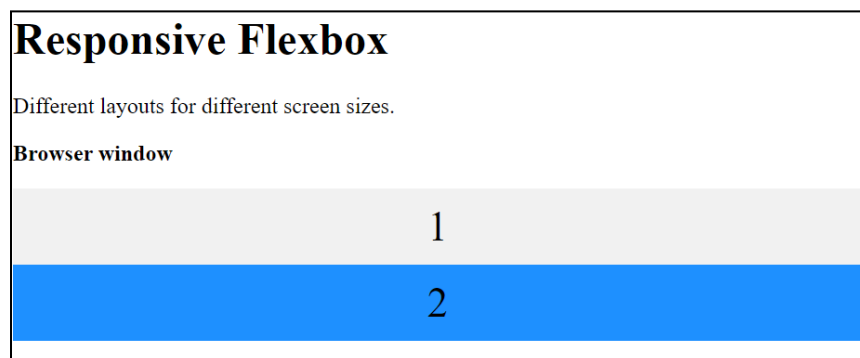


- Add flex-grow properties to each div section and make the web page look good.



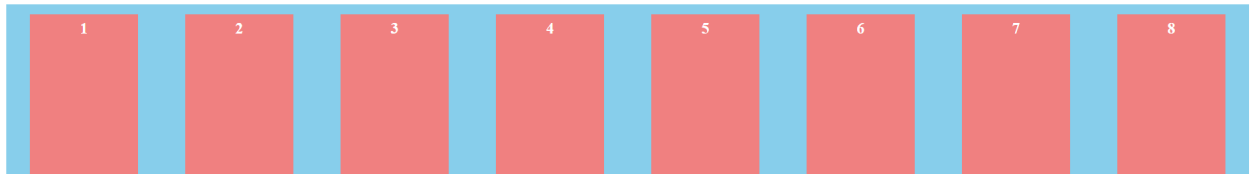
Problem Statement 2: Responsive Flexbox

Create a responsive flexbox design using display:flex, flex-wrap, text-align, flex, and box-sizing properties.



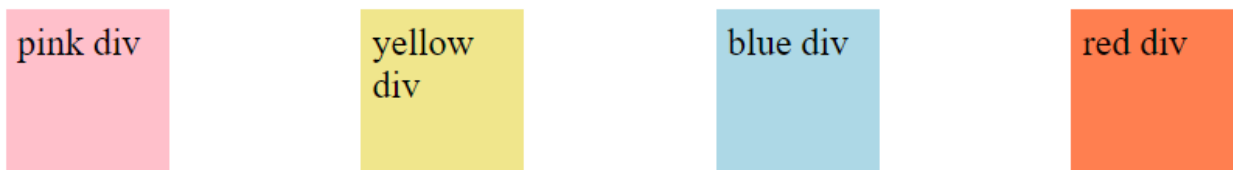
Problem Statement 3: Flex Container

Create a container similar to the following image, with help of flex properties.



Problem Statement 4: Flex Flow

With help of the display, flex-flow properties and div sections create the following output.



Solution:

Problem Statement 1:

```
<!DOCTYPE html>
<html>
<head>
<style>

#mymain {
  width:100%;
  height: 100px;
  display: flex;
}
#bluediv {
flex-grow: 1;
}
#reddiv{
flex-grow: 1;
}
#yellowdiv{
flex-grow: 1;
}
#pinkdiv{
flex-grow: 4;
}
</style>
</head>
<body>

<h1>The flex-grow property</h1>
```

```
<div id="myDIV">
<div id="mymain">
  <div id="reddiv" style="background-color:coral;">red div</div>
  <div id="bluediv" style="background-color:lightblue;">blue div</div>
  <div id="yellowdiv" style="background-color:khaki;">yellow div</div>
  <div id="pinkdiv" style="background-color:pink;">pink div</div>
</div>
</div>

</body>
</html>
```

Problem Statement 2:

```
<!DOCTYPE html>
<html>
<head>
<style>
* {
  box-sizing: border-box;
}

.flex-container {
  display: flex;
  flex-wrap: wrap;
  font-size: 30px;
  text-align: center;
}

.flex-item-left {
  background-color: #f1f1f1;
  padding: 10px;
  flex: 50%;
}

.flex-item-right {
  background-color: dodgerblue;
  padding: 10px;
  flex: 50%;
}

/* Responsive layout - makes a one column-layout instead of a two-column
layout */
@media (max-width: 700px) {
  .flex-item-right, .flex-item-left {
    flex: 100%;
  }
}
</style>
</head>
<body>
```

```
<h1>Responsive Flexbox</h1>

<p>Different layouts for different screen sizes.</p>
<p><b>Browser window</b></p>

<div class="flex-container">
  <div class="flex-item-left">1</div>
  <div class="flex-item-right">2</div>
</div>

</body>
</html>
```

Problem Statement 3:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Flex</title>
    <style>
      .flex-container {
        display: flex;
        flex-flow: row wrap;
        justify-content: space-around;
        background: skyblue;
      }

      .flex-container > div {
        background: lightcoral;
        padding: 5px;
        width: 100px;
        height: 150px;
        margin-top: 10px;
        color: white;
        font-weight: bold;
        text-align: center;
      }
    </style>
  </head>
  <body>
    <div class="flex-container">
      <div>1</div>
      <div>2</div>
      <div>3</div>
      <div>4</div>
      <div>5</div>
      <div>6</div>
      <div>7</div>
      <div>8</div>
    </div>
    <script src="script.js"></script>
  </body>
</html>
```

Problem Statement 4:

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
  background-color:#E7E9EB;
}
#myDIV {
  height:300px;
  background-color:#FFFFFF;
}
#mymain {
  height: 100px;
  display: flex;
  flex-flow: column-reverse wrap-reverse;
}
#mymain div {
  width:60px;
  height:60px;
  padding:5px;
}
</style>
</head>
<body>

<h1>The flex-flow property</h1>

<div id="myDIV">
<div id="mymain">
  <div style="background-color:coral;">red div</div>
  <div style="background-color:lightblue;">blue div</div>
  <div style="background-color:khaki;">yellow div</div>
  <div style="background-color:pink;">pink div</div>
</div>
</div>

</body>
</html>
```