

On grid (and flex) and css:

https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Grid_Layout/Basic_Concepts_of_Grid_Layout

https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Grid_Layout/Auto-placement_in_CSS_Grid_Layout

<https://developer.mozilla.org/en-US/docs/Web/CSS/grid-auto-flow>

Q. Given the html code q1.html below

```
<!DOCTYPE html>
<html>
  <head>
    <title>Example 1</title>
    <meta charset="utf-8">
    <style>
      body {
        margin: 40px;
      }
      .wrapper {
        display: grid;
        grid-gap: 10px;
        grid-template-columns: 100px 100px 100px;
        background-color: #fff;
        color: #444;
      }

      .box {
        background-color: blue;
        color: white;
        border-radius: 5px;
        padding: 20px;
        font-size: 150%;
      }

    </style>
  </head>

  <body>

    <div class="wrapper">
      <div class="box a">A</div>
      <div class="box b">B</div>
      <div class="box c">C</div>
      <div class="box d">D</div>
      <div class="box e">E</div>
      <div class="box f">F</div>
    </div>

  </body>
</html>
```

(a) Change the css code so as to give this result:

<https://youtu.be/e8YkiY2OnhE>

Display your result at:

<http://oldtown.glendon.yorku.ca/~lastname/css/lec/qs/q1.html>

Protect the URL above with a username and password.

(b) Use "class selector", colorize boxes A and B black (background color) and display your result here

<http://oldtown.glendon.yorku.ca/~lastname/css/lec/qs/q1a.html>

Solution:

```
<style>
  body {
    margin: 40px;
  }
  .wrapper {
    display: grid;
    grid-gap: 10px;
    grid-template-columns: repeat(3, 1fr);
    background-color: #fff;
    color: #444;
  }
  .box {
    background-color: blue;
    color: white;
    border-radius: 5px;
    padding: 20px;
    font-size: 150%;
  }
  .a {
    grid-column: 1 / span 2;
  }
  .b {
    grid-column: 3 ;
    grid-row: 1 / span 2;
  }
  .c {
    grid-column: 1 ;
    grid-row: 2 ;
  }
  .d {
    grid-column: 2 ;
    grid-row: 2 ;
  }
}
```

</style>