CSS Exercises - Grid, Flexbox and Bootstrap 5

1

```html
<div class="main-grid">
    <div class="box">1</div>
    <div class="box">2</div>
    <div class="box">3</div>
    <div class="box">4</div>
    <div class="box">5</div>
    <div class="box">6</div>
    <div class="box">7</div>
    <div class="box">8</div>
</div>
<style>
    .main-grid {
        display: grid;
        grid-template-columns: 1fr 2fr 3fr 1fr;
        gap: 10px;
    }
    .box {
        background-color: #f0f0f0;
        padding: 20px;
        text-align: center;
    }
</style>
```

2

```css
.main-grid {
    grid-template-rows: 100px 150px;
}
```

3

```css
.main-grid {
    gap: 25px 10px; /* filas, columnas */
}
```

4

```css
.main-grid {
    gap: 15px;
}
```

5

```html
<div class="area-grid">
    <div class="item a">A</div>
    <div class="item b">B</div>
    <div class="item c">C</div>
    <div class="item d">D</div>
</div>
<style>
    .area-grid {
        display: grid;
        grid-template-areas:
            "a a a a"
            "b c c c"
            "d d d d";
        grid-template-rows: auto auto auto;
        grid-template-columns: repeat(4, 1fr);
        gap: 15px;
    }
    .item.a { grid-area: a; }
    .item.b { grid-area: b; }
    .item.c { grid-area: c; }
```

```
    .item.d { grid-area: d; }

</style>


6

<div class="uniform-grid">

  <div>1</div>

  <div>2</div>

  <div>3</div>

</div>

<style>

  .uniform-grid div {

    background-color: #ddd;

    font-size: 16px;

    padding: 10px;

    text-align: center;

  }

</style>


7

<div class="flex-container">

  <div>1</div>

  <div>2</div>

  <div>3</div>

</div>

<style>

  .flex-container {

    display: flex;

    flex-direction: row;

    justify-content: center;

  }

</style>
```

8

```css
.flex-container {
  justify-content: flex-end;
}
```

9

```css
.flex-container {
  height: 200px;
  align-items: center;
}
```

10

```html
<div class="container">
  <div class="row">
    <div class="col">1</div>
    <div class="col">2</div>
    <div class="col">3</div>
    <div class="col">4</div>
    <div class="col">5</div>
  </div>
</div>
```

11

```html
<div class="container">
  <div class="row">
    <div class="col">1</div>
    <div class="col">2</div>
    <div class="col-6">3</div>
  </div>
  <div class="row">
```

```html
    <div class="col">4</div>

    <div class="col">5</div>

  </div>

</div>
```

12

```html
<div class="row">

  <div class="col">1</div>

  <div class="col">2</div>

  <div class="col-sm-3 col-md-6">3</div>

</div>
```

13

```css
.row {

  max-width: calc(2 * var(--bs-gutter-x)); /* Limitar el ancho */

  margin: auto;

}
```

14

```html
<div class="row row-cols-2 row-cols-sm-1">

  <div class="col">1</div>

  <div class="col">2</div>

</div>
```