TP5-Ex1

HTML   CSS

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="./index.css">
</head>
<body>
  <h1>TP05_1</h1>
  <div class="contener">
    <div class="a_1"></div>
    <div class="a_2"></div>
    <div class="a_3"></div>
    <div class="a_4"></div>
    <div class="a_5"></div>
    <div class="a_6"></div>
    <div class="a_7"></div>
  </div>
</body>
```
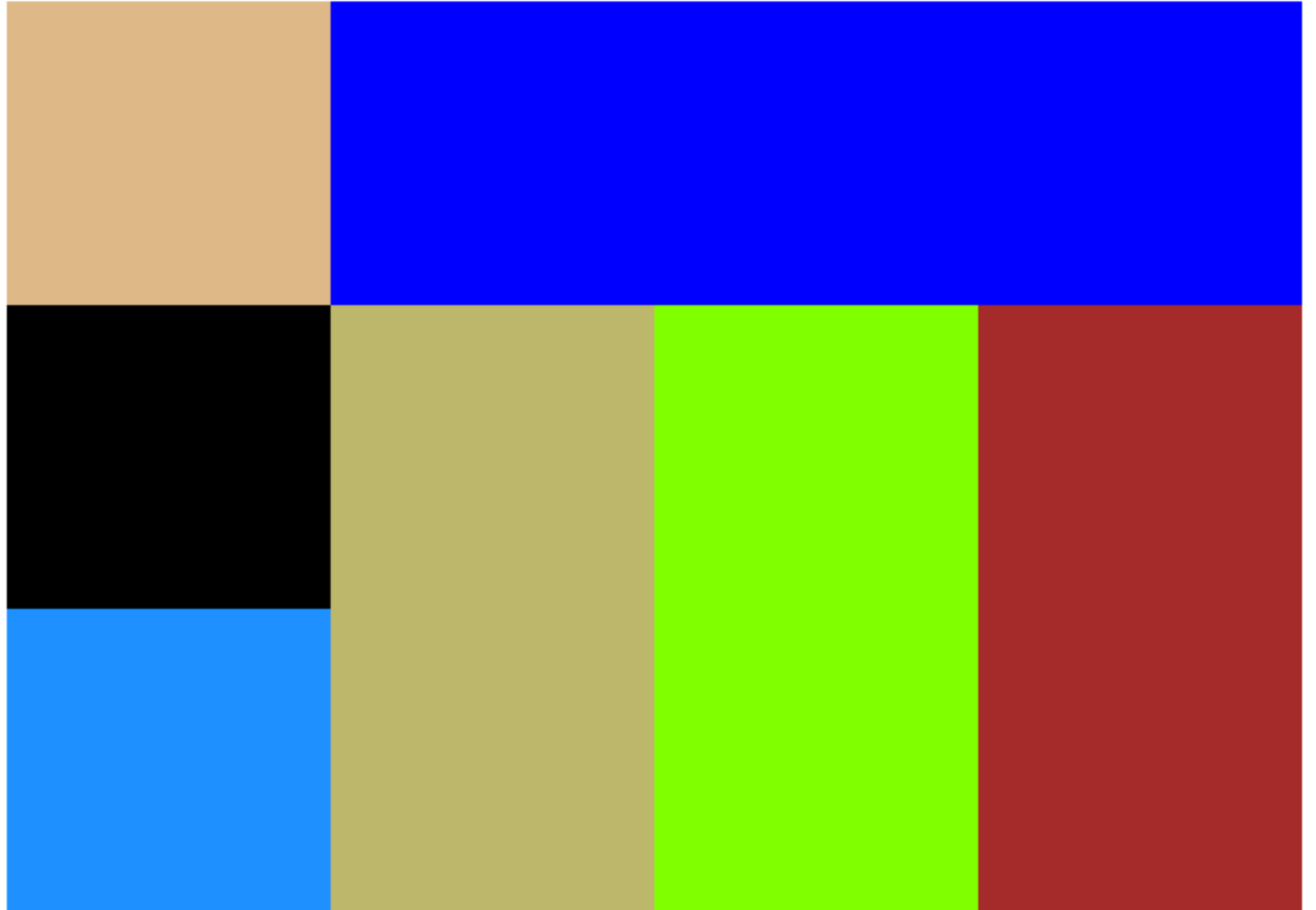
```css
.contener{
  padding: 30px;
  display: grid;
  grid-template-columns: 1fr 1fr 1fr 1fr;
  grid-template-rows: 1fr 1fr 1fr;
  margin: auto;
}
.a_1{
  padding: 50px;
  grid-column: 1;
  grid-row: 1;
  background-color: burlywood;
}
.a_2{
  background-color: blue;
  grid-row: 1;
  grid-column: 2 / 5;
}
.a_3{
  background-color: black;
  grid-row: 2;
  grid-column: 1;
}
```

CSS

Result

```
.a_4{
    background-color: ■brown;
    grid-row: 2/4;
    grid-column: 4;
}
.a_5{
    background-color: ■chartreuse;
    grid-column: 3;
    grid-row: 2/4;
}
.a_6{
    background-color: ■darkkhaki;
    grid-column: 2;
    grid-row: 2/4;
}
.a_7{
    background-color: ■dodgerblue;
}
```
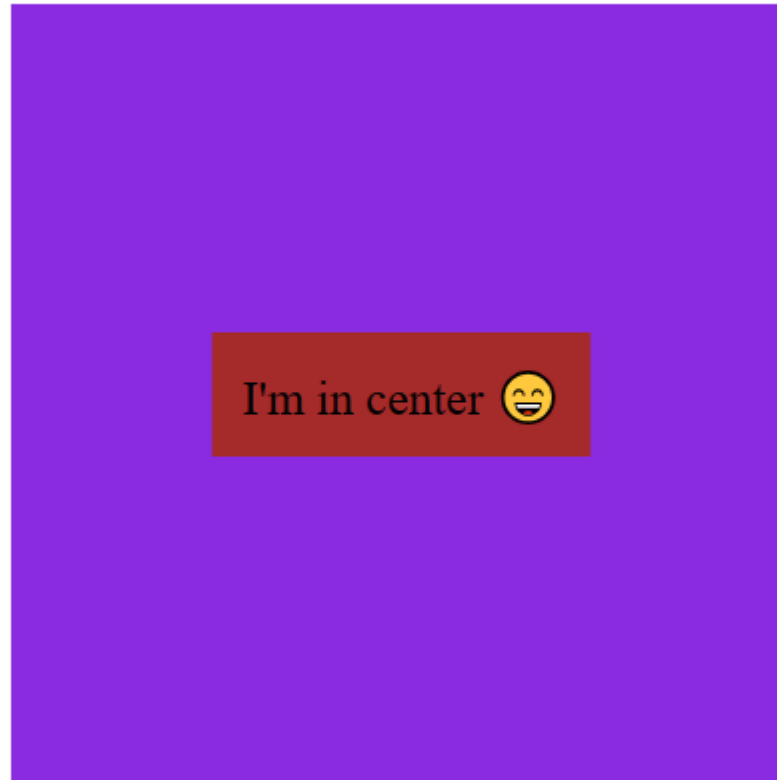
TP5-ex2

HTML

```
<h1>TP05_2</h1>
<div class="imoji">
    <div class="wrapper">
        I'm in center 😄
    </div>
</div>
```

Result

I'm in center 😄

CSS

```
.imoji{
    position: relative;
    background-color: ▉blueviolet;
    padding: 30px;
    width: 200px;
    height: 200px;
    /* justify-content: center; */
    margin: auto;
}
.wrapper{
    background-color: ▉brown;
    position: absolute;
    align-items: center;
    /* justify-content: center; */
    padding: 10px;
    left: 50%;
    top: 50%;
    translate: -50% -50%;
}
```

CSS

TP5-ex3

HTML

```html
<h1>TP05_3</h1>
<div class="imoji">
    <div class="wrapper">
        I'm in center 😄
    </div>
</div>
```

Result

I'm in center 😄

```css
.wrapper{
    background-color: ⬛brown;
    position: absolute;
    align-items: center;
    /* justify-content: center; */
    padding: 10px;
    left: 50%;
    top: 50%;
    translate: -50% -50%;
}


.imoji{
    display: flex;
    background-color: ⬜blueviolet;
    padding: 30px;
    width: 200px;
    height: 200px;
    margin: auto;
}
```
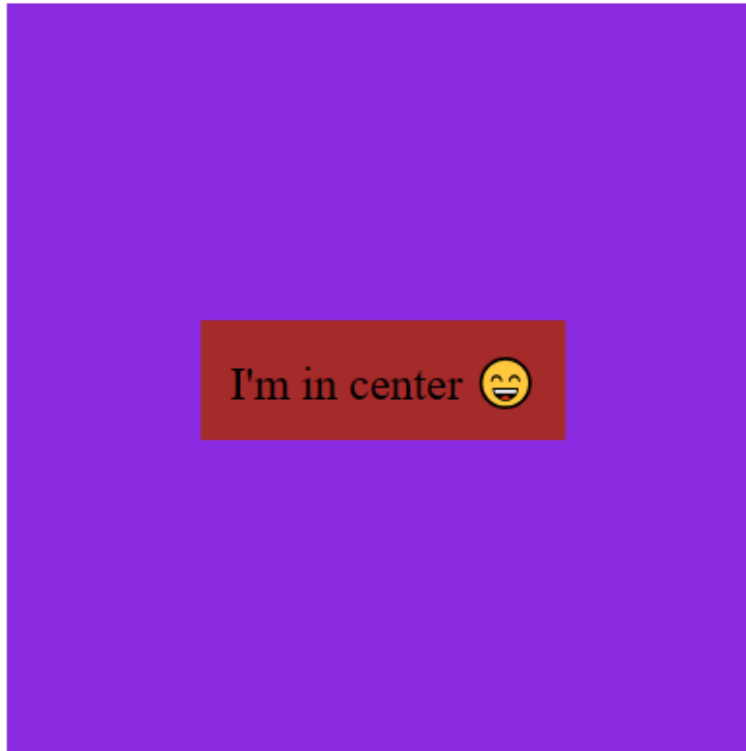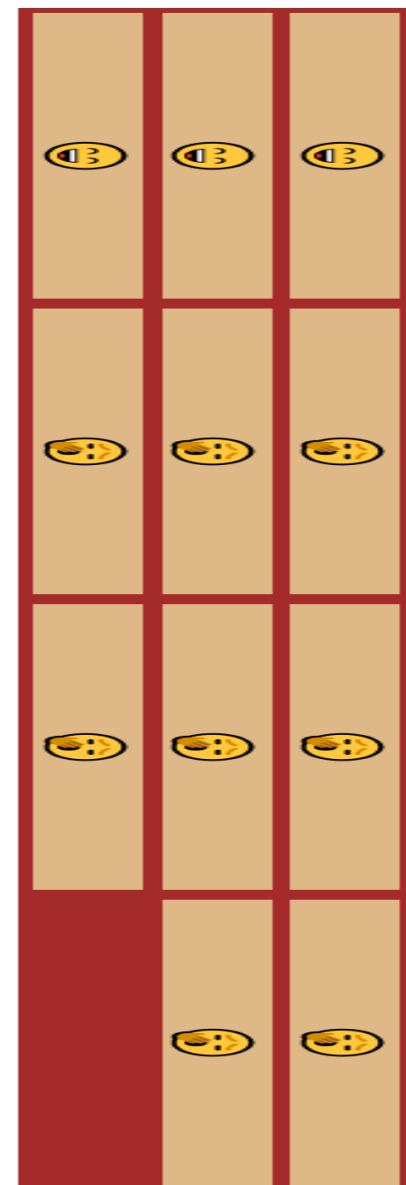
TP5-ex4

HTML

```html
<h1>TP05_4</h1>
  <div class="row-wrapper">
    <div class="column-wrapper">
      <div class="box">😄</div>
      <div class="box">😄</div>
      <div class="box">😄</div>
    </div>
    <div class="column-wrapper">
      <div class="box"> 😙 </div>
      <div class="box"> 😙 </div>
      <div class="box"> 😙 </div>
    </div>
    <div class="column-wrapper">
      <div class="box"> 😙 </div>
      <div class="box"> 😙 </div>
      <div class="box"> 😙 </div>
    </div>
    <div class="column-wrapper">
      <div class="box"> 😙 </div>
      <div class="box"> 😙 </div>
    </div>
  </div>
```

CSS

```css
.row-wrapper{
  display: flex;
  background-color: ■brown;
  width: 950px;
  align-items: normal;
  justify-content: space-between;
}

.row-wrapper .column-wrapper .box{
  padding: 5px 40px;
  background-color: ■burlywood;
  margin-top: 5px;
}
.box{
  display: flex;
  background-color: □rgb(4, 4, 15);
  height: 20px;
  width: 150px;
  padding: 10px 0;
  margin: 4px;
  font-size: 20px;
  align-items: center;
  justify-content: center;
}
```
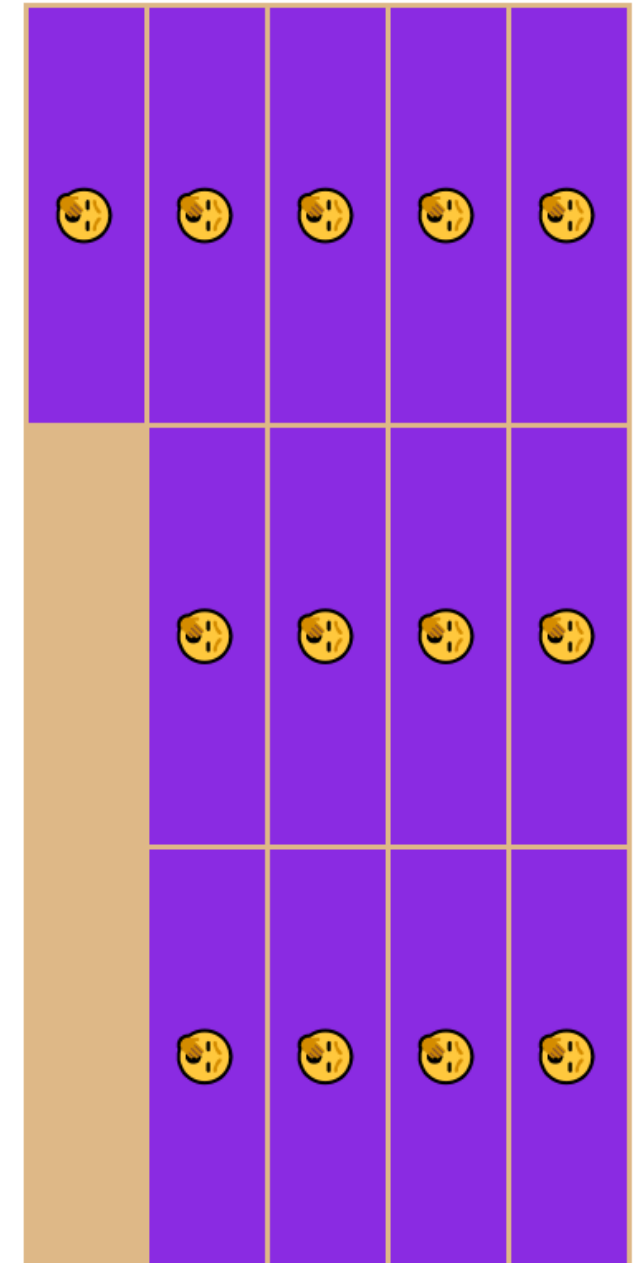
Result

TP5-ex5

HTML

```html
<h1>TP5_5</h1>
<div class="grid">
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
    <div class="bin">😴</div>
</div>
```

CSS

```css
.grid{
    display: grid;
    background-color: ◻burlywood;
    gap: 2px;
    padding: 2px;
    grid-template-columns: 1fr 1fr 1fr;
    grid-template-rows: 1fr 1fr 1fr 1fr 1fr;
    align-items: center;
}

.bin{
    display: grid;
    background-color: ◼blueviolet;
    justify-content: center;
    padding: 10px 0;
    font-size: 20px;
}
```

Result

TP5-ex6

HTML

CSS

```html
<h1>TP5_6</h1>
<div class="c">
    <div class="p">
        <span class="big">I'm big 😄</span>
        <span class="small">I'm small 😴</span>
    </div>
</div>
```

Result

I'm big 😄

I'm small 😴

```css
.c{
  display: flex;
  align-items: center;
  justify-content: center;
}
.p{
  padding: 10px;
  height: 200px;
  width: 200px;
  align-items: center;
  justify-content: center;
}
.c .p .big{
  padding: 20px;
  font-size: 36px;
  background-color: ■blueviolet;
  color: ■aliceblue;
  align-items: center;
  justify-self: center;
  position: absolute;
}
```

```css
.c .p .small{
  display: none;
}
@media only screen and (max-width: 400px) {
  .c .p .small{
    display: flex;
    padding: 10px;
    font-size: 18px;
    background-color: ■rgb(246, 48, 48);
    align-items: center;
    justify-self: center;
    position: absolute;
  }
  .c .p .big{
    display: none;
  }
}
```

TP5-ex7

HTML

```html
<h1>TP5_7</h1>
<div class="cp">
  <div class="ct"></div>
</div>
```
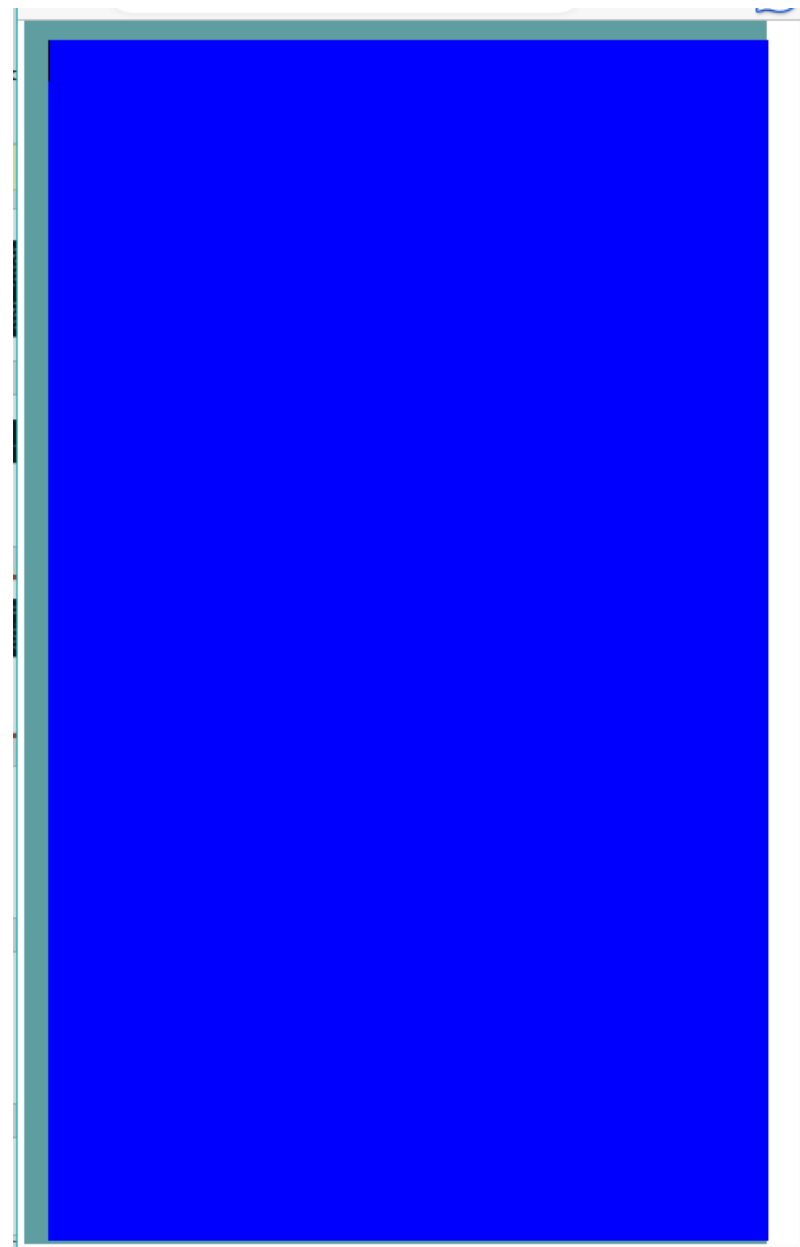
CSS

```css
.cp{
  background-color: cadetblue;
  padding: 10px;
}
.cp .ct{
  width: clamp(300px,100%,800px);
  height: 500px;
  background-color: blue;
  margin: 0 auto;
}
```
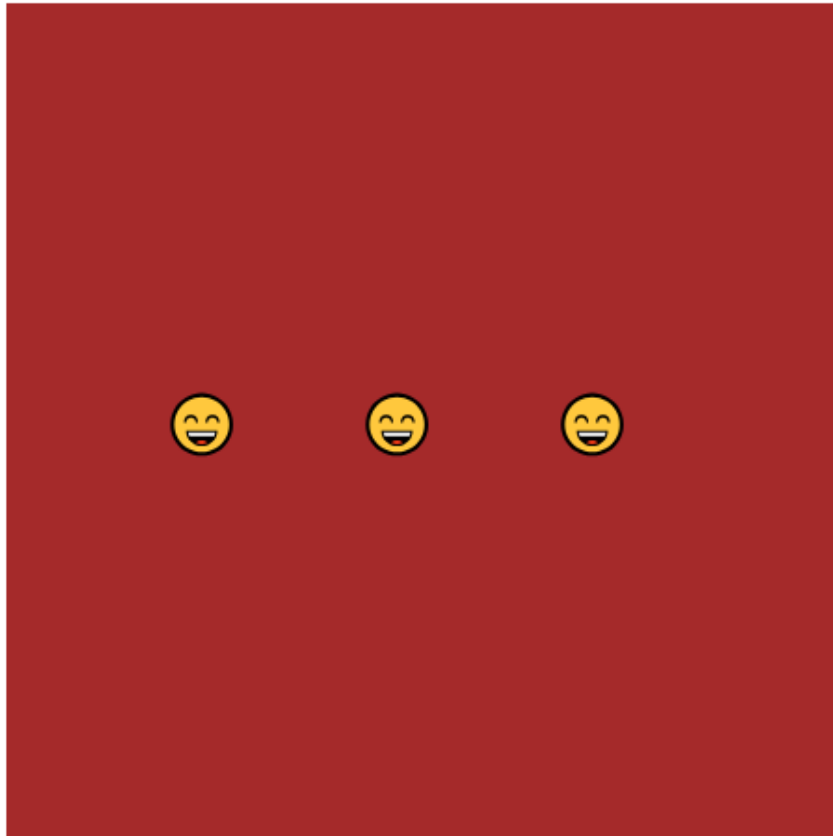
Result

TP5-ex8

```html
<h1>TP5_8</h1>
<div class="ccp">
  <span class="drop" style="--order: 1">😄</span>
  <span class="drop" style="--order: 2">😄</span>
  <span class="drop" style="--order: 3">😄</span>
</div>
```

HTML

Result

CSS

```css
.ccp{
  width: 300px;
  height: 300px;
  background-color: brown;
  position: relative;
}
.drop{
  display: flex;
  font-size: 20px;
  justify-content: center;
  align-items: center;
  position: absolute;
  top: 50%;
  left: calc(var(--order) *70px);
  translate: -50% -50%;
  animation-name: dropIcon;
  animation-duration: 2s;
  animation-delay: calc(var(--order)*1s);
}
@keyframes dropIcon{
  from{
    top: -100%;
  }
  to{
    top: 50%;
    left: calc(var(--order) *70px);
    translate: -50% -50%;
  }
}
```

TP5-ex9

HTML

```html
<h1>TP5_9</h1>
<div class="cpp">
    <div class="header">Header</div>
    <div class="cpt">
        <h1>Scrollable content</h1>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
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        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
        <div>This is a paragraph</div>
    </div>
</div>
```

CSS

```css
.cpp{
  height: 400px;
  width: 500px;
  margin: auto;
  border: 2px solid black;
  padding: 10px;
  display: grid;
}

.cpp .header{
  display: flex;
  background-color: brown;
  width: auto;
  font-size: 30px;
  align-items: center;
  justify-content: center;
}

.cpt{
  height: 300px;
  overflow-y: auto;
}
```

Result

Header

Scrollable content

This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph
This is a paragraph

TP5-ex10

HTML

```html
<div class="sc">
    <div class="header">Scroll Vertically</div>
    <div class="sct">
        <div class="scs"></div>
        <div class="scs"></div>
        <div class="scs"></div>
        <div class="scs"></div>
        <div class="scs"></div>
        <div class="scs"></div>
        <div class="scs"></div>
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        <div class="scs"></div>
        <div class="scs"></div>
        <div class="scs"></div>
        <div class="scs"></div>
    </div>
</div>
```
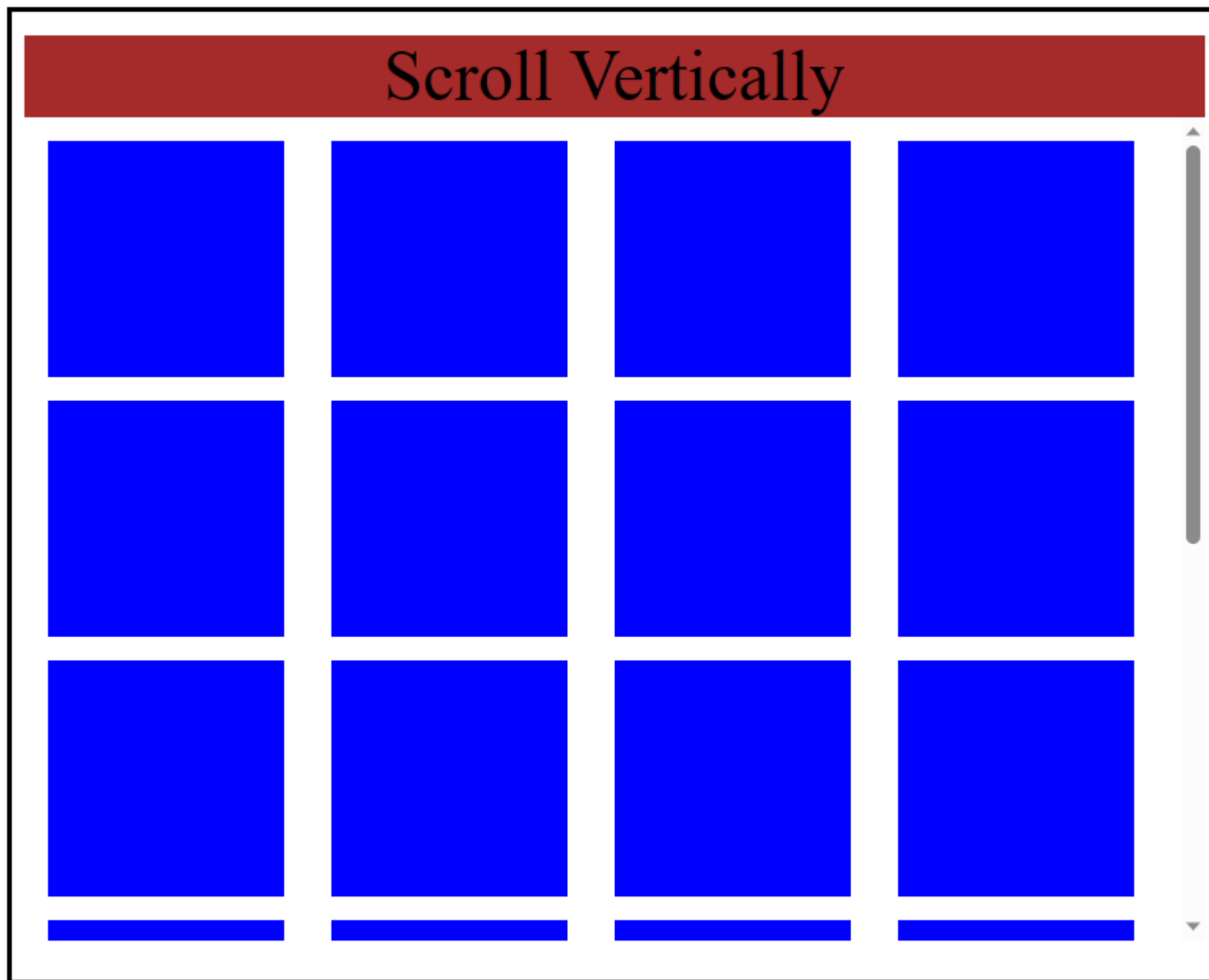
CSS

```css
.sc{
  display: grid;
  border: 2px solid black;
  padding: 10px 5px 0 5px;
  height: 400px;
  width: 500px;
  margin: auto;
}
.header{
  display: flex;
  background-color: brown;
  width: auto;
  font-size: 30px;
  align-items: center;
  justify-content: center;
}
.sct{
  height: 90%;
  display: grid;
  padding: 10px;
  gap: 10px;
  grid-template-columns: repeat(4, auto);
  overflow: hidden;
  overflow-y: scroll;
  overflow-x: none;
}
```

```css
.scs{
  width: 100px;
  height: 100px;
  background-color: blue;
}
```

Result

TP5-11

HTML

CSS

```html
<h1>TP5_11</h1>
<div class="scc">
    <div class="header">Scroll Horizontally</div>
    <div class="sctt">
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
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        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
        <div class="scst"></div>
    </div>
</div>
</div>
```

```css
.scc{
  display: grid;
  border: 2px solid ⬜black;
  padding: 10px 5px 0 5px;
  height: 400px;
  width: 500px;
  margin: auto;
}

.header{
  display: flex;
  background-color: 🟥brown;
  width: auto;
  font-size: 30px;
  align-items: center;
  justify-content: center;
}

.sctt{
  height: 94%;
  display: grid;
  padding: 10px;
  gap: 10px;
  grid-template-columns: repeat(7, auto);
  overflow: hidden;
  overflow-x: scroll;
}
```

```css
.scst{
  width: 100px;
  height: 100px;
  background-color: 🟦blue;
}
```

Result