Flexbox exercise

Responsive Flexbox Website

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Responsive Flexbox Website</title>
    <style>
        /* Reset default browser styles */
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
        }

        body {
            font-family: Arial, sans-serif;
            line-height: 1.6;
        }

        /* Header styling */
        header {
            background: #333;
            color: #fff;
            padding: 1rem;
            text-align: center;
        }

        /* Navigation styling */
        nav {
            background: #444;
        }

        nav ul {
            display: flex;
            justify-content: center;
            list-style: none;
        }
```

```css
    nav ul li {
        margin: 0 1rem;
    }
    nav ul li a {
        color: #fff;
        text-decoration: none;
    }
    main {
        display: flex;
        flex-wrap: wrap;
        padding: 1rem;
    }
    main section {
        flex: 3;
        padding: 1rem;
    }
    main aside {
        flex: 1;
        padding: 1rem;
        background: #f4f4f4;
    }
    footer {
        background: #333;
        color: #fff;
        text-align: center;
        padding: 1rem;
        margin-top: 1rem;
    }
    @media (max-width: 768px) {
        nav ul {
            flex-direction: column;
        }

        main {
            flex-direction: column;
        }

        main section, main aside {
            flex: 1;
        }
    }
</style>
```

```html
</head>
<body>
    <header>
        <h1>My Website</h1>
    </header>
    <nav>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">About</a></li>
            <li><a href="#">Services</a></li>
            <li><a href="#">Contact</a></li>
        </ul>
    </nav>
    <main>
        <section>
            <h2>Welcome</h2>
            <p>This is a responsive website layout using Flexbox.</p>
        </section>
        <aside>
            <h2>Sidebar</h2>
            <p>Additional information can go here.</p>
        </aside>
    </main>
    <footer>
        <p>&copy; 2025 My Website</p>
    </footer>
</body>
</html>
```
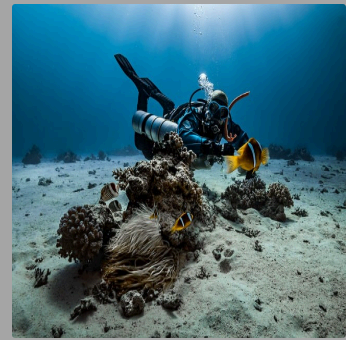
Gallery

International Artist Feature

This is Headline

International Artist Feature

This is Headline

This is Headline

This is Headline

This is Headline

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Document</title>
    <style>
        *
        {
            margin:0;
            padding:0;

        }
        .container{
          display:flex;
          flex-wrap: wrap;
```
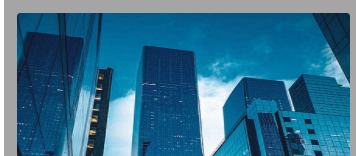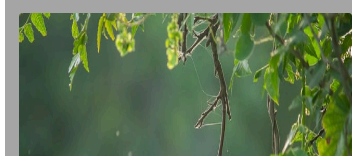
```css
    gap: 20px;
    justify-content: center;


}

.itemm{
 background-color: rgb(165, 165, 165);
 padding: 20px;
 height: auto;
 display:flex;
 flex-direction: column;
 justify-content: center;
 flex-basis: calc(35%- 20px) ;
}

.itemm img{
 width: 500px;
 height: 500px;
 border-radius: 5px;


}

.large{
 flex-basis: calc(66% - 20px);
 background-color: rgb(116, 153, 119);
}


.large img{
 width: 100%;
 height: 500px;
 border-radius: 5px;


}

@media (max-width: 1200px){
 .container{
     flex-direction: row;
 }
}

@media (max-width: 768px){
 .container{
```

```
            flex-direction: column;
        }
        .item{
            flex: 1;
        }
        .large{
            flex: 1;
        }
    }

    </style>

</head>

<body>
    <div class="container">
        <div class="large">
            <img
src="https://cdn.pixabay.com/photo/2023/02/10/16/07/new-york-7781184_64
0.jpg" alt="News Image">
        <h3> International Artist Feature</h3>
        </div>
        <div class="itemm">
            <img
src="https://cdn.pixabay.com/photo/2025/01/12/15/57/diver-9328628_640.j
pg" alt="News Image">
            <h3> This is Headline</h3>
        </div>
        <div class="itemm">
            <img
src="https://cdn.pixabay.com/photo/2024/12/23/17/14/switzerland-9287004
_640.jpg" alt="News Image">
            <h3> This is Headline</h3>
        </div>
        <div class="itemm">
            <img
src="https://cdn.pixabay.com/photo/2023/02/10/16/07/new-york-7781184_64
0.jpg" alt="News Image">
            <h3> This is Headline</h3>
        </div>
        <div class="itemm">
```

```
            <img
src="https://cdn.pixabay.com/photo/2024/10/12/03/15/women-9114238_640.j
pg" alt="News Image">
            <h3> This is Headline</h3>
        </div>
        <div class="itemm">
            <img
src="https://cdn.pixabay.com/photo/2024/09/19/13/31/baya-weaver-9058783
_640.jpg" alt="News Image">
            <h3> This is Headline</h3>
        </div>
        <div class="itemm">
            <img
src="https://cdn.pixabay.com/photo/2023/02/10/16/07/new-york-7781184_64
0.jpg" alt="News Image">
            <h3> This is Headline</h3>
        </div>


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

Transition Translate Transform

```
        div img{
            width: 100%;
            height:100%;
          border-radius: 24%;
          transition: transform 2s ease-in;


        }
        img:hover{

            transform: translateY(10px) scale(1.4);
        }
```

Print media

Chapter 1

This is the content of Chapter 1. When printed, it will be styled specifically for print by hiding the header, footer, and navigation bar. This ensures the document looks clean and professional in its printed form.

Chapter 2

This is the content of Chapter 2. Note that the heading forces a page break before itself, ensuring each chapter starts on a new page when printed. Paragraphs are also styled to avoid breaking inside them.

Print   2 sheet

Destination   🖶 Microsoft Print to F

Pages   All

Layout   Portrait

Color   Color

More settings

Print

Screen:

Website Title

Chapter 1

This is the content of Chapter 1. When printed, it will be styled specifically for print by hiding the header, footer, and navigation bar. This ensures the document looks clean and professional in its printed form.

Chapter 2

This is the content of Chapter 2. Note that the heading forces a page break before itself, ensuring each chapter starts on a new page when printed. Paragraphs are also styled to avoid breaking inside them.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Document</title>
    <style>
      body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
        }

        header, footer, nav {
            background-color: #f0f0f0;
            padding: 10px;
            text-align: center;
        }

        main {
            padding: 20px;
        }

        article {
            margin: 20px 0;
        }

        h1, h2 {
            color: #333;
        }

        p {
            line-height: 1.6;
            color: #555;
        }
        @media screen{
            body{
                background-color: white;
                color:black
            }
            header,footer{
                display: block;
```

```
            }
        body{
            font-size: 12pt;
        }
    }

    @media print{
        header,footer,nav{
            display: none;
        }
    }
    @page{
        margin: 12 cm;
    }

    h2{
        page-break-before: always;
    }
    p{
        page-break-inside: avoid;
    }
</style>
</head>
<body>
    <body>
        <header>
            <h1>Website Title</h1>
            <nav>
                <a href="#">Home</a> |
                <a href="#">About</a> |
                <a href="#">Contact</a>
            </nav>
        </header>

        <main>
            <article>
                <h2>Chapter 1</h2>
                <p>
                    This is the content of Chapter 1. When printed, it
will be styled specifically for print
                    by hiding the header, footer, and navigation bar.
This ensures the document looks clean
                    and professional in its printed form.
```

```
                    </p>

                    <h2>Chapter 2</h2>
                    <p>
                        This is the content of Chapter 2. Note that the
heading forces a page break before itself,
                        ensuring each chapter starts on a new page when
printed. Paragraphs are also styled to
                        avoid breaking inside them.
                    </p>
                </article>
        </main>

        <footer>
            <p>© 2025 Website Footer Information</p>
        </footer>
    </body>
</body>
</html>
```

FlexBox Order


```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Document</title>
    <style>
.main{
 height: 150px;
 width: 400px;
```

```html
 display:flex;
}

.main div {
    width: 60px;
    height: 40px;

}

.pink{
    background-color: rgb(163, 70, 151);
    order:1;
}
.red{
    background-color: rgb(230, 30, 30);
    order:-1;
}
.green{
    background-color: rgb(111, 190, 65);
    order:2;
}

    </style>
</head>
<body>
<div class="main">
<div class="pink">1</div>
<div class="red">2</div>
<div class="green">3</div>
</div>
</body>
</html>
```