CSS FlexBox et Animation

Creating a Simple Navigation Bar :

``
<nav>
 	
     - Home
     - About
     - Services
     - Contact
 	
</nav>
``
	``
	nav ul {
	  display: flex;
	  justify-content: space-between;
	  list-style: none;
	  padding: 0;
	  margin: 0;
	}
	``

une carte qui se retourne au survol pour afficher des informations supplémentaires.

``
<div class="card">
  <div class="face front">
  </div>
  <div class="face back">
  </div>
</div>
``
	``
	.card {
	  perspective: 1000px;
	}
	
	.face {
	  display: flex;
	  align-items: center;
	  justify-content: center;
	  width: 200px;
	  height: 150px;
	  backface-visibility: hidden;
	  transition: transform 0.5s;
	}
	
	.card:hover .front {
	  transform: rotateY(-180deg);
	}
	
	.card:hover .back {
	  transform: rotateY(0deg);
	}
	``

Carte à profil glissant

``
<div class="card">
  <div class="profile">
    <img src="profil.jpg" alt="Profil">
  </div>
  <div class="content">
    <h2>Titre</h2>
    <p>Description</p>
  </div>
</div>
``
	``
	.card {
	  display: flex;
	  width: 300px;
	  overflow: hidden;
	}
	
	.profile {
	  flex: 0 0 100px;
	  background-color: #f0f0f0;
	  transition: transform 0.3s ease-in-out;
	}
	
	.content {
	  flex: 1;
	``

```css
    padding: 20px;
}

.card:hover .profile {
  transform: translateX(100%);
}
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-
width, initial-scale=1.0">
    <title>CSS Animation Example</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="animated-box"></div>
</body>
</html>
```

```css
/* Basic page styling */
body {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
    background-color: #f0f0f0;
}

/* Styling for the box */
.animated-box {
    width: 100px;
    height: 100px;
    background-color: blue;
    border-radius: 10px;
    animation: moveAndChangeColor 3s infinite;
}

/* Defining the animation */
@keyframes moveAndChangeColor {
    0% {
        transform: translateX(0);
        background-color: blue;
    }
    50% {
        transform: translateX(300px);
        background-color: green;
    }
    100% {
        transform: translateX(0);
        background-color: red;
    }
}
```

a bouncing ball animation using HTML and CSS:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-
width, initial-scale=1.0">
    <title>CSS Bouncing Ball Animation</title>
    <link rel="stylesheet" href="styles.css">
</head>
```

```css
/* Basic page styling */
body {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
    background-color: #f0f0f0;
}
```

```html
<body>
  <div class="ball"></div>
</body>
</html>
```

```css
/* Ball styling */
.ball {
    width: 100px;
    height: 100px;
    background-color: #ff5733;
    border-radius: 50%;
    animation: bounce 2s ease-in-out infinite;
}

/* Bouncing animation */
@keyframes bounce {
  0%, 100% {
      transform: translateY(0);
  }
  50% {
      transform: translateY(-150px);
  }
}
```

A rotating cube animation

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>CSS Rotating Cube</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="cube">
    <div class="face front"></div>
    <div class="face back"></div>
    <div class="face left"></div>
    <div class="face right"></div>
    <div class="face top"></div>
    <div class="face bottom"></div>
  </div>
</body>
</html>
```

```css
/* Basic page styling */
body {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
    background-color: #f0f0f0;
}

/* Cube container */
.cube {
    position: relative;
    width: 150px;
    height: 150px;
    transform-style: preserve-3d;
    animation: rotateCube 4s infinite linear;
}

/* Styling for each face of the cube */
.face {
    position: absolute;
    width: 150px;
    height: 150px;
    background-color: rgba(0, 255, 255, 0.8);
    border: 2px solid #000;
    box-sizing: border-box;
}

/* Positioning each face to form the cube */
.front {
```

```css
    transform: translateZ(75px);
}
.back {
    transform: rotateY(180deg) translateZ(75px);
}
.left {
    transform: rotateY(-90deg) translateZ(75px);
}
.right {
    transform: rotateY(90deg) translateZ(75px);
}
.top {
    transform: rotateX(90deg) translateZ(75px);
}
.bottom {
    transform: rotateX(-90deg) translateZ(75px);
}

/* Rotating the cube */
@keyframes rotateCube {
    from {
        transform: rotateY(0deg);
    }
    to {
        transform: rotateY(360deg);
    }
}
```

A "pulsing" circle animation

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CSS Pulsing Circle</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="pulsing-circle"></div>
</body>
</html>
```

```css
/* Basic page styling */
body {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
    background-color: #f0f0f0;
}

/* Styling for the pulsing circle */
.pulsing-circle {
    width: 150px;
    height: 150px;
    background-color: #3498db;
    border-radius: 50%;
    animation: pulse 2s infinite ease-in-out;
}

/* Pulsing animation */
@keyframes pulse {
```

```css
  0%, 100% {
    transform: scale(1);
    opacity: 1;
  }
  50% {
    transform: scale(1.2);
    opacity: 0.6;
  }
}
```

Créez une page Web avec Flexbox :

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<link rel="stylesheet" type="text/css"
href="Example.css" media="screen" />
<title>Learn Flexbox</title>
</head>
<body>
<div class="parent-container">
<nav class="our-nav">
<img class="our-logo" src="./nike_PNG18.png" />
<ul class="list-flex">
<li>New Releases</li>
<li>Men</li>
<li>Women</li>
<li>Kids</li>
<li>Sale</li>
</ul>
</nav>
<div class="paragraph-flex">
<h1 class="header-styling">NIKE <br/>
SUPERREP</h1>
<p class="paragraph-styling">The Nike SuperRep
combines lightweight cushioning underfoot and
breathable mesh up top to get you moving comfortably
in circuit-based fitness classes or while streaming
workouts at home.
With the supportive arc on the side and extra flexibility
in the sole, you're ready to go for 1 more rep. </p>
<button class="button">View More</button>
</div>
<img class="our-image" src="./usama-akram.jpg" />
</div>
</body>
</html>
```

```css
*{
padding: 0;
margin: 0;
overflow: hidden;
}
@font-face {
font-family: Wildworld;
src: url(WILD\ WORLD.otf);
}
.parent-container{
display: flex;
align-items: center;
justify-content: flex-end;
background-color: #b3e140;
height: 100vh;
width: 100vw;
}
.our-nav{
display: flex;
position: fixed;
top:1vh;
right: 2vw;
left: 2vw;
justify-content: space-between;
align-items: center;
width: 100vw;
}
.list-flex{
display: flex;
justify-content: space-between;
width:50%;
font-family: sans-serif;
font-weight: bold;
}
li:hover{
cursor: pointer;
opacity: 80%;
}
.our-logo{
width: clamp(44px, 5vw, 120px);
}
.paragraph-flex{
```

```css
width: 50vw;
padding-left: 3vw;
}
.header-styling{
line-height: 1.1;
font-size: 5em;
color: black;
width: 100%;
font-family: Wildworld, sans-serif;
left: 4vw;
}
.paragraph-styling{
font-size: 1.5rem;
color: black;
width: 100%;
font-family: sans-serif;
padding-top: 2vh;
padding-bottom: 2vh;
}
.button{
background-color: #d7ff71;
border: none;
border-radius: 20px;
height: 5vh;
width: 8vw;
font-size: 1rem;
font-family: sans-serif;
font-weight: bold;
}
.button:hover{
cursor: pointer;
opacity: 80%;
}
.our-image{
width: 50vw;
height: auto;
}
```