

🔗 Tailwind Css for 3x2 Card Grid (Image + Title + Text + Button):-

```
<body class="bg-gray-100 p-6">
```

```
<div class="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-3 gap-6">
```

```
<!-- CARD 1 -->
```

```
<div class="bg-white rounded-lg shadow overflow-hidden">
```

```

```

```
<div class="p-4 flex flex-col gap-2">
```

```
<h2 class="text-lg font-bold">Tech Card</h2>
```

```
<p class="text-gray-600 text-sm">
```

This is a simple card with image, text and button using Tailwind CSS.

```
</p>
```

```
<button class="mt-2 bg-blue-600 text-white py-2 rounded hover:bg-blue-700">
```

View More

```
</button>
```

```
</div>
```

```
</div>
```

```
<!-- CARD 2 -->
```

```
<div class="bg-white rounded-lg shadow overflow-hidden">
```

```

```

```
<div class="p-4 flex flex-col gap-2">
```

```
<h2 class="text-lg font-bold">Nature Card</h2>
```

```
<p class="text-gray-600 text-sm">
```

```
Beautiful nature inspired design card layout.
```

```
</p>
```

```
<button class="mt-2 bg-blue-600 text-white py-2 rounded hover:bg-blue-700">
```

```
View More
```

```
</button>
```

```
</div>
```

```
</div>
```

```
<!-- CARD 3 -->
```

```
<div class="bg-white rounded-lg shadow overflow-hidden">
```

```

```

```
<div class="p-4 flex flex-col gap-2">
```

```
<h2 class="text-lg font-bold">Coding Card</h2>
```

```
<p class="text-gray-600 text-sm">
```

```
Learn modern web development with Tailwind CSS.
```

```
</p>
```

```
<button class="mt-2 bg-blue-600 text-white py-2 rounded hover:bg-blue-700">
```

```
  View More
```

```
</button>
```

```
</div>
```

```
</div>
```

```
<!-- CARD 4 -->
```

```
<div class="bg-white rounded-lg shadow overflow-hidden">
```

```

```

```
<div class="p-4 flex flex-col gap-2">
```

```
<h2 class="text-lg font-bold">Business Card</h2>
```

```
<p class="text-gray-600 text-sm">
```

```
  Professional business style card layout.
```

```
</p>
```

```
<button class="mt-2 bg-blue-600 text-white py-2 rounded hover:bg-blue-700">
```

```
  View More
```

```
</button>
```

```
</div>
```

```
</div>
```

```
<!-- CARD 5 -->
```

```
<div class="bg-white rounded-lg shadow overflow-hidden">  
    
  
  <div class="p-4 flex flex-col gap-2">  
    <h2 class="text-lg font-bold">Design Card</h2>  
    <p class="text-gray-600 text-sm">  
      Creative UI/UX design inspiration card.  
    </p>  
  
    <button class="mt-2 bg-blue-600 text-white py-2 rounded hover:bg-blue-700">  
      View More  
    </button>  
  </div>  
</div>
```

```
<!-- CARD 6 -->
```

```
<div class="bg-white rounded-lg shadow overflow-hidden">  
    
  
  <div class="p-4 flex flex-col gap-2">  
    <h2 class="text-lg font-bold">Startup Card</h2>  
    <p class="text-gray-600 text-sm">  
      Startup ideas and innovation focused card.  
    </p>  
  </div>  
</div>
```

</p>

<button class="mt-2 bg-blue-600 text-white py-2 rounded hover:bg-blue-700">

View More

</button>

</div>

</div>

</div>

</body>

Let's break this **card code line by line in simple meaning** so you clearly understand what each part does.

□ **1.** `<!-- CARD 1 -->`

`<!-- CARD 1 -->`

□ **Meaning:**

- This is a **comment**
 - Browser ignores it completely
 - Used only for developer understanding
-

□ **2. Card container**

```
<div class="bg-white rounded-lg shadow overflow-hidden">
```

□ **Meaning:**

This is the **main card box**

□ **Classes explained:**

- `bg-white` → white background
- `rounded-lg` → rounded corners
- `shadow` → adds shadow (card looks lifted)
- `overflow-hidden` → hides anything that spills outside (important for image corners)

□ **Result:**

A clean card box with smooth edges and shadow

□ 3. Image

```

```

□ Meaning:

This is the **card image**

□ Classes:

- `src="..."` → image source from internet
- `w-full` → image takes full width of card

□ Result:

A full-width image at top of card

□ 4. Content container

```
<div class="p-4 flex flex-col gap-2">
```

□ Meaning:

This wraps all text + button

□ Classes:

- `p-4` → padding inside (space around content)
- `flex` → enables flex layout
- `flex-col` → arranges items vertically (column)
- `gap-2` → space between title, paragraph, button

☐ **Result:**

All content stacked neatly with spacing

☐ **5. Heading**

```
<h2 class="text-lg font-bold">Tech Card</h2>
```

☐ **Meaning:**

Card title

☐ **Classes:**

- `text-lg` → large text size
- `font-bold` → bold text

☐ **Result:**

Big strong title “Tech Card”

☐ **6. Paragraph**

```
<p class="text-gray-600 text-sm">
```

☐ **Meaning:**

Description text

☐ **Classes:**

- `text-gray-600` → gray color (so it looks soft)
- `text-sm` → small text size

☐ **Result:**

Light description under title

□ 7. Button

```
<button class="mt-2 bg-blue-600 text-white py-2 rounded hover:bg-blue-700">
```

□ Meaning:

Clickable action button

□ Classes:

- `mt-2` → margin top (space above button)
- `bg-blue-600` → blue background
- `text-white` → white text
- `py-2` → vertical padding (button height)
- `rounded` → rounded corners
- `hover:bg-blue-700` → darker blue on hover

□ Result:

Nice clickable button with hover effect

This is one of the most important Tailwind patterns. Let's break it very simply:-

```
grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-3 gap-6
```

□ 1. grid

Meaning:

Turns the container into a **CSS Grid layout**

Result:

Items inside will be arranged in rows and columns.

2. `grid-cols-1`

Meaning:

By default (mobile screen):

1 column only

Example:

Card 1

Card 2

Card 3



Tech Card

This is a simple card with image, text and button using Tailwind CSS.

[View More](#)



Nature Card

□ → □ □ **3.** `sm:grid-cols-2`

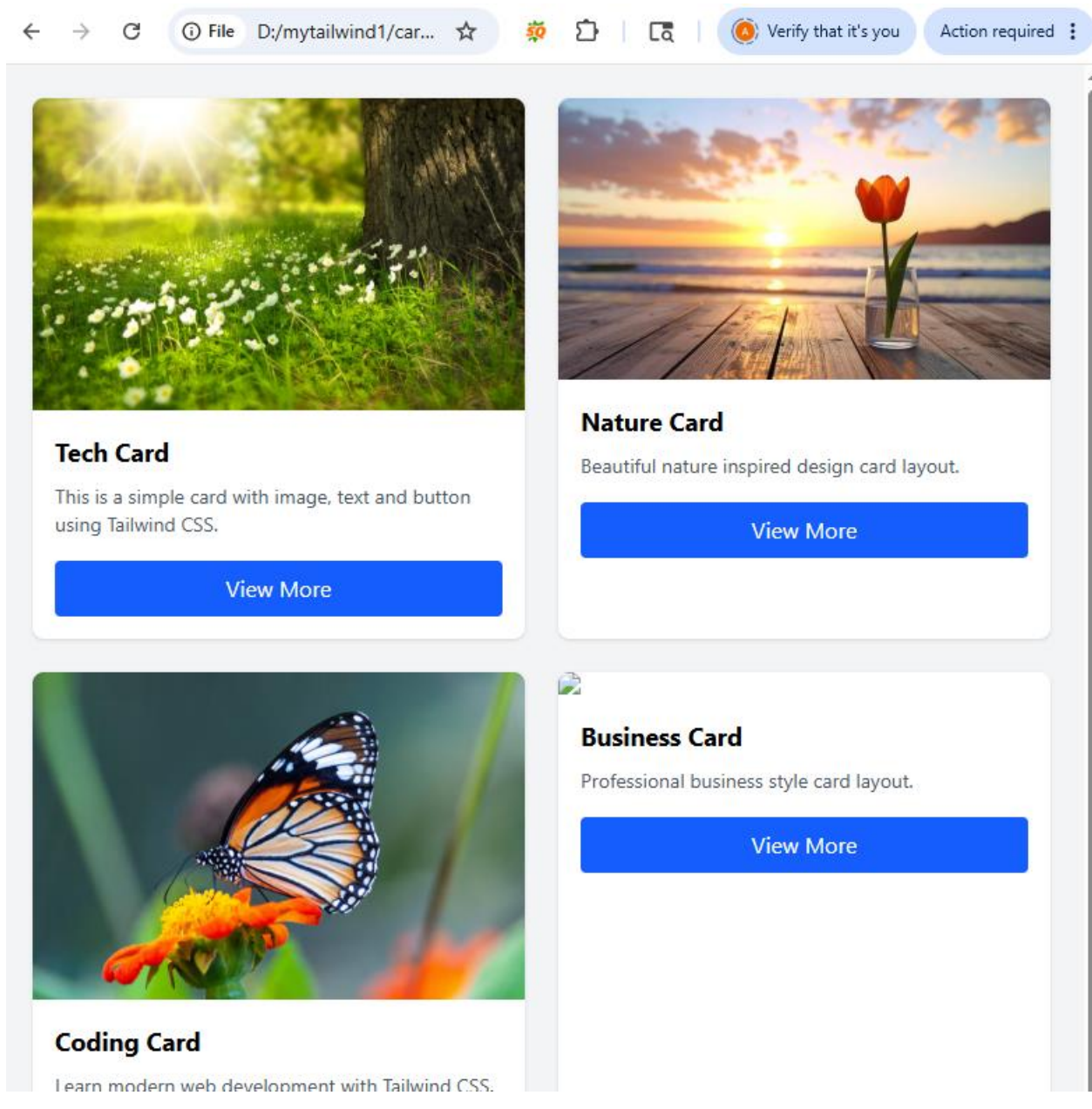
□ **Meaning:**

On small screens and above ($\geq 640\text{px}$):

□ 2 columns

□ **Example:**

Card 1 Card 2
Card 3 Card 4



4. `lg:grid-cols-3`

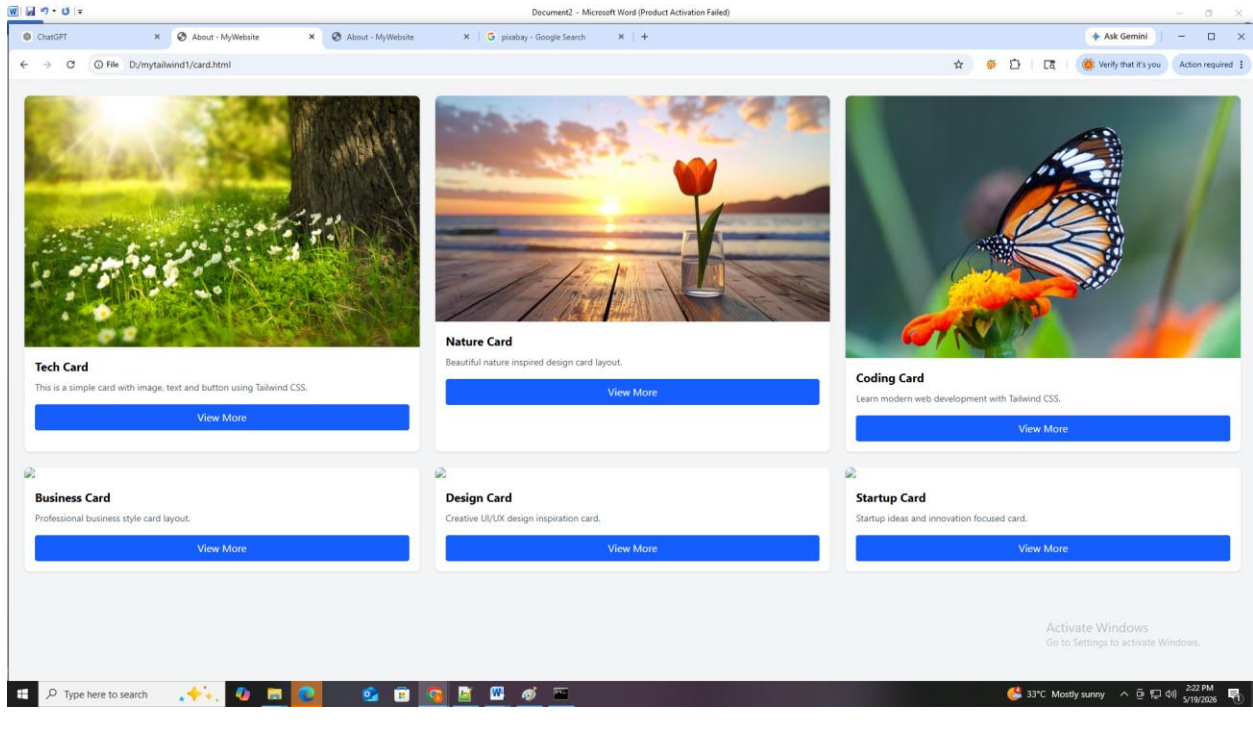
Meaning:

On large screens ($\geq 1024\text{px}$):

3 columns

Example:

Card 1 Card 2 Card 3
Card 4 Card 5 Card 6



5. `gap-6`

Meaning:

Adds space between grid items

Result:

Cards don't stick together

- `gap-6` \approx 24px spacing

FINAL SIMPLE UNDERSTANDING

Mobile \rightarrow 1 column
Tablet \rightarrow 2 columns
Desktop \rightarrow 3 columns

Visual Flow

Mobile:

[Card]

[Card]

[Card]

Tablet:

[Card] [Card]

[Card] [Card]

Desktop:

[Card] [Card] [Card]

[Card] [Card] [Card]

Easy way to remember

Think like this:

- `grid-cols-1` → phone
 - `sm:` → small tablet
 - `lg:` → laptop/desktop
-

Why this is powerful

This is called **responsive design**:

- One code works for all screen sizes