

## Mini Project: Padding and Margin

### Step 1: Create Your Project Folder in Public ( name it: websites\_projects)

Create a new folder inside websites\_projects.

Name it:

padding\_margin\_project

Inside the padding\_margin\_project folder, create a file called:

index.html

### Step 2: Write the Basic HTML

Open index.html and **type** this code:

```
<!DOCTYPE html>
<html>
<head>
  <title>My Colorful Card</title>
</head>

<body>

<h1>My Favorite Animal</h1>

<div class="card">
  <h2>Dog</h2>
  <p>Dogs are friendly animals. They love to play and protect their owners.</p>
</div>

</body>
</html>
```

Save the file and open index.html which will take you to the brow

You should see:

- A title
- A small section talking about dogs

But it will look very plain.

### Step 3: Add CSS Styling

Now we will make it look better.

Inside the <head> section, add a style tag. **Type** this.

```
<style>

.card{
  background-color: lightblue;
```

```
border: 3px solid blue;  
}
```

```
</style>
```

Save and refresh the page.

Now you will see a blue box around the text.

#### **Step 4: Add Padding (Space Inside the Box)**

Now we add padding.

Padding means:

*Space inside the box.*

Change the CSS to this:

```
.card{  
  background-color: lightblue;  
  border: 3px solid blue;  
  padding: 20px;  
}
```

Save and refresh.

Now you will see:

The text is not touching the border anymore.

That space inside is called **padding**.

Example:

Border  
  Padding  
    Text

#### **Step 5: Add Margin (Space Outside the Box)**

Now we add margin.

Margin means:

*Space outside the box.*

Change the CSS again:

```
.card{  
  background-color: lightblue;  
  border: 3px solid blue;  
  padding: 20px;  
  margin: 40px;  
}
```

Save and refresh.

Now you will see:  
The box moved away from the other elements.

That space outside the box is called **margin**.

Example:

Margin  
Border  
Padding  
Text

### **Step 7: Challenge for Students**

#### ***1. Change the background color***

Examples:

pink

lightgreen

yellow

#### ***2. Change the padding***

Examples:

padding: 10px;

padding: 50px;

#### ***3. Change the margin***

Examples:

margin: 10px;

margin: 100px;