**BOX MODEL IN CSS – Notes**

The **CSS Box Model** is the way browsers represent HTML elements as rectangular boxes. It consists of **four main parts**:

1️⃣ **Content** – The actual text, image, or other content inside the box.  
2️⃣ **Padding** – Space between the content and the border.  
3️⃣ **Border** – A line that surrounds the padding and content.  
4️⃣ **Margin** – Space outside the border, separating the element from others.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>CSS Box Model</title>

<style>

.box {

width: 200px;

padding: 20px; /\* Inside space \*/

border: 5px solid black; /\* Border around \*/

margin: 30px; /\* Outside space \*/

}

</style>

</head>

<body>

<div class="box">

This is a Box Model example.

</div>

</body>

</html>

**Explanation of the Code:**

* width: 200px; → The content width is 200px.
* padding: 20px; → Adds **space inside** between content and border.
* border: 5px solid black; → Adds a **black border** around the content.
* margin: 30px; → Adds **space outside** the border.

**🌟 Key Points:**

✔ **Margins don’t affect the size of the element.**  
✔ **Padding increases the total size of the box.**  
✔ **Border adds thickness around the element.**  
✔ **Box total width = width + padding + border + margin.**