CSS Box Sizing

- description : CSS box-sizing Property
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Source of the article

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CSS `box-sizing`   .

Without the CSS box-sizing Property

                ,   .

        +   +   =
        +   +   =

            /   ,

                                                        .

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Difference</title>
    <style>
```

```css
    .div1 {
        width: 300px;
        height: 100px;
        border: 1px solid blue;
    }

    .div2 {
        width: 300px;
        height: 100px;
        border: 1px dashed red;
        padding: 50px;
    }
</style>
</head>
<body>
    <div class="div1">
        div1 (width: 300px, height: 100px).
    </div>
    <br>
    <div class="div2">
        div2 (width: 300px, height: 100px, padding: 50px).
    </div>
</body>
</html>
```

div   (div1, div2)   .
   div2   div
      .

      box-sizing   .

With the CSS box-sizing Property

box-sizing   .

      box-sizing: border-box   ,
 .


```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
```

```
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Difference</title>
    <style>
        .div1 {
            width: 300px;
            height: 100px;
            border: 1px solid blue;
            box-sizing: border-box;
        }
        .div2 {
            width: 300px;
            height: 100px;
            border: 1px dashed red;
            padding: 50px;
            box-sizing: border-box;
        }
    </style>
</head>
<body>
    <div class="div1">
        div1 (width: 300px, height: 100px).
    </div>
    <br>
    <div class="div2">
        div2 (width: 300px, height: 100px, padding: 50px).
    </div>
</body>
</html>
```

box-sizing: border-box;   ,
                                      .

                                                                    .

                              (form elements)   box-sizing: border-box;
        .
(,   .   inputs   (text areas)   width:100%
                                    .)

                              ,   .

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
  margin: 0;
}
```

```
* {
  box-sizing: border-box;
}

input, textarea {
  width: 100%;
}
</style>
</head>
<body>

<form action="/action_page.php">
  First name:<br>
  <input type="text" name="firstname" value="Mickey"><br>
  Last name:<br>
  <input type="text" name="lastname" value="Mouse"><br>
  Comments:<br>
  <textarea name="message" rows="5" cols="30">
  </textarea>
  <br><br>
  <input type="submit" value="Submit">
</form>

<p><strong>Tip:</strong> Try to remove the box-sizing property from the
style element and look what happens.
Notice that the width of input, textarea, and submit button will go outside
of the screen.</p>

</body>
</html>
```

,, CSS, box-sizing,