CSS – Padding, Margin

**CSS Padding**

This CSS property is used to *add space around the element within the border*.

```
padding: 25px;
```

This will set **25px** space around the element within the border for each side i.e. top, bottom, left, right.

Padding can also be set for each side:

- `padding-top: 10px;`
- `padding-bottom: 15px;`
- `padding-left: 10px;`
- `padding-right: 25px;`

Padding can also be defined as:

- `padding: 10px;`  
- `padding: 10px 15px;`
- `padding: 10px 15px 20px;`
- `padding: 10px 15px 20px 25px;`

**CSS Margin**

This CSS property is used to *add space around the outside border of the element*.

```
margin: 30px;
```

This will set **30px** space around the outside element’s the border for each side i.e. top, bottom, left, right. We can also set it for each side:

Margin can also be set for each side:

- `margin-top: 10px;`
- `margin-bottom: 15px;`
- `margin-left: 10px;`
- `margin-right: 25px;`

Margin can also be defined as:

- `margin: 10px;`  
- `margin: 10px 15px;`
- `margin: 10px 15px 20px;`
- `margin: 10px 15px 20px 25px;`;
Example – Margin, Padding

<table>
<thead>
<tr>
<th>&lt;html&gt;</th>
<th>&lt;head&gt;</th>
<th>&lt;style&gt;</th>
</tr>
</thead>
</table>
| <body> | <div> National Institute of Electronics and Information Technology </div> | padding:25px; margin:30px; border: 02px solid black; background-color:grey; color:white; }
| </style> | </body> | </html>

Output:

Explanation (see figure below):

In first div, margin space is depicted through arrow i.e. space around the element’s border.

In second div, padding is depicted through arrow i.e. space around the element and within border.
Exercise:

Create a webpage that has two paragraphs and set CSS property as following:

- For paragraph 1, left, right, top, bottom margin as 20px, 30px, 25px, 15px.
- For paragraph 2, left, right, top, bottom padding as 10px, 15px, 05px, 25px.