

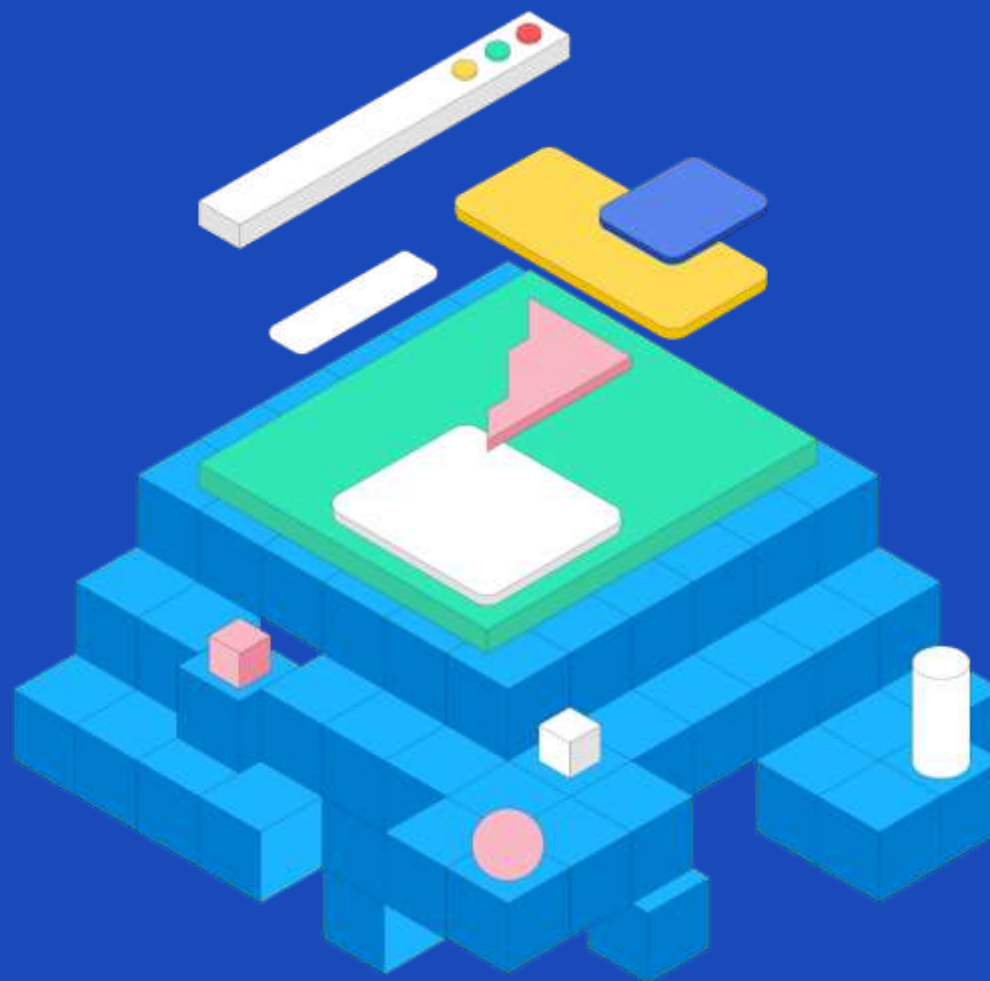
#NOTES

WEBSITE DEVELOPMENT

FRONT-END DEVELOPMENT

The materials were prepared by the methodological development department

F.1.4. Getting acquainted with margin and padding.
Finalizing the site with games categories.





The Difference Between id and class

Id (identifier) gives an element a unique name, that can be used only once in the webpage. This is its principal difference from **class**. One **id** can be added to only one element, but the same **class** can be added to multiple elements.

Code snippet:

HTML

```
<h2 id="bestgames">The Best Games</h2>
```

CSS

```
#bestgames{  
    color: green;  
}
```

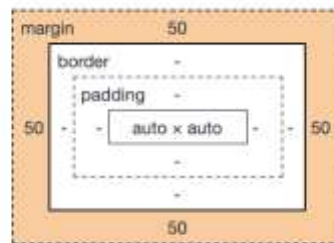


Padding и margin

margin — space around the element;

padding — space between the contents and the border of the element.

Developer Tools can help you get your head around this.



There are variants of paddings from one side: padding-top, padding-right, padding-bottom, padding-left (the same applies to margin)



A Few CSS Rules

- **box-shadow** sets a shadow to the block, the first two values are x-offset and y-offset, the third one is blur-radius, the fourth one is spread-radius.
- **box-sizing** shows the browser how to calculate the total width and height of a block (by default content-box). The border-box value adds internal indents and borders to the width. If you set the width of the block to 100% and paddings to 20% and the value is border-box, then paddings will be automatically subtracted from the width and the width will be 60%
- **vertical-align** aligns elements relatively to the tallest element on the line. Values: top, middle, bottom, super



Special Characters

In HTML there are special characters that you can't find on your keyboard. But it's easy to get them. You just need to bookmark this website, so you would always have them at your fingertips.

<https://dev.w3.org/html5/html-author/charref>

