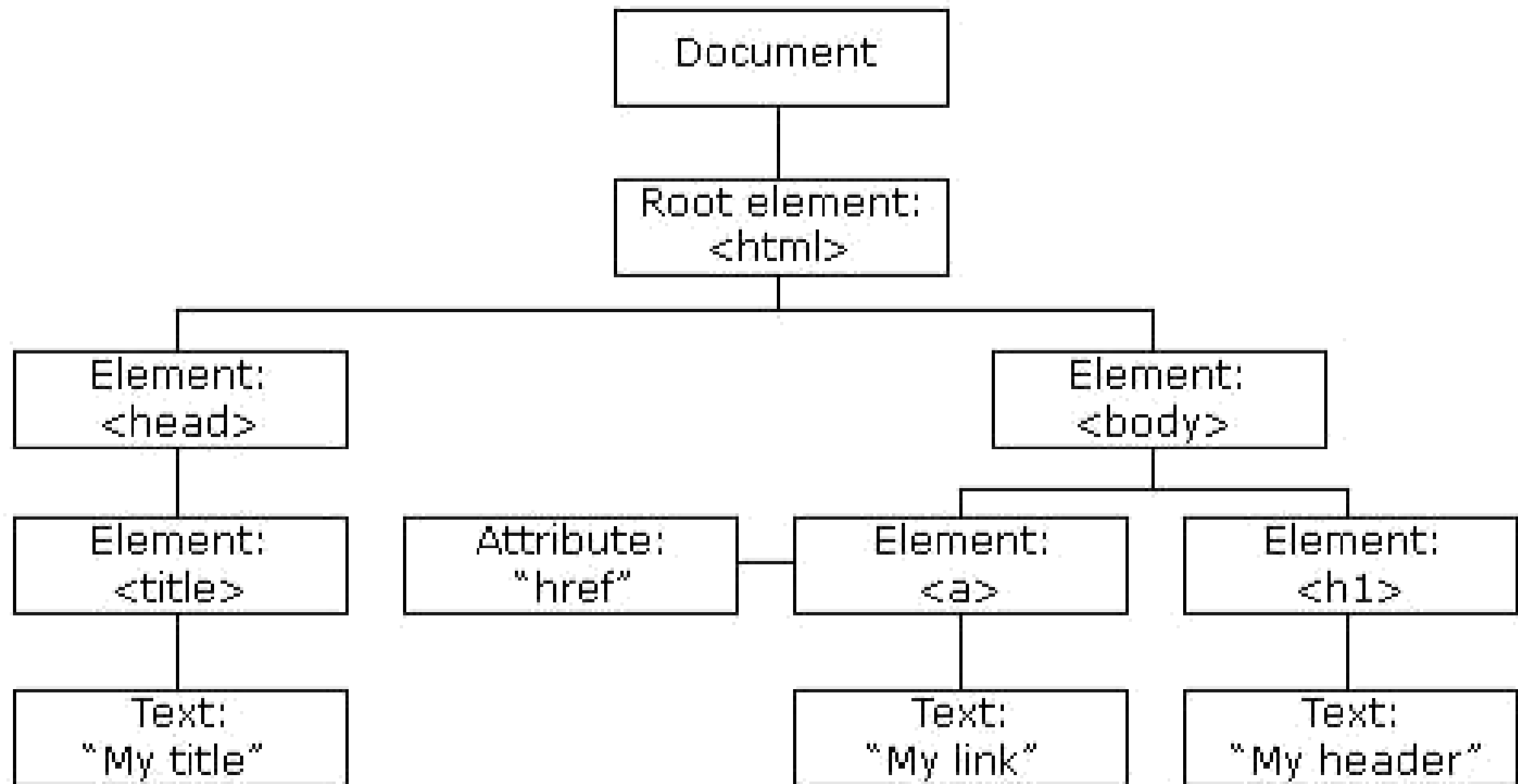




ERASMUS+

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# DOM -DOCUMENT OBJECT MODEL



DOM - a cross-platform and independent interface that presents an XML or HTML document in a tree structure, in which each node represents an object that is part of a document.

JavaScript can request or modify an HTML document

```
<html><body>
```

```
<h3>Finding an HTML element using  
document.forms</h3>
```

```
<form name="fr" action="">
```

First name:

```
<input type="text" name="fname" value="Ann"> <input  
type="button" value="Go"
```

```
onClick="javascript:document.fr.fname.value='Alex';">
```

```
</form>
```

```
</body></html>
```

**Нахождение HTML элемента с  
использованием document.forms**  
First name:

```
<form name="fr" action="">
```

First name:

```
<input type="text" name="fname"
```

```
value="Ann"> <input type="button" value="">
```

```
</form>
```

```
<script language="javascript">
```

```
var p = document.getElementsByTagName("input");
```

```
p[0].value="Alex";
```

```
p[1].value="GO";
```

```
</script>
```

First name:

Alex

GO

```
<html>
```

```
<body>
```

```
<p id="demo"></p>
```

```
<script>
```

```
var
```

```
x=document.getElementById("demo");
```

```
x.innerHTML = "Hello" ; </script>
```

```
</body>
```

```
</html>
```

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

```
<head>
```

```
  <title>Blink</title>
```

```
  <style>
```

```
    #hello {
```

```
      font-size:100pt;
```

```
      margin:140px;
```

```
      text-align:center;
```

```
    }
```

```
    button
```

```
    {
```

```
      font-size:36pt;
```

```
    }
```

```
</style>
```

```
</head>
```

.

```
<script language="javascript">  
function blink()  
{  
var doc =  
document.getElementById("hello");  
if (doc.style.visibility == 'hidden')  
{ doc.style.visibility = 'visible'; }  
else  
{ doc.style.visibility='hidden'; }  
}
```

```
function go() {  
window.  
setInterval(blink, 512);  
}  
</script>
```



```
<body>
```

```
  <div id="hello">
```

```
    School of Business
```

```
    <br>
```

```
    BSU
```

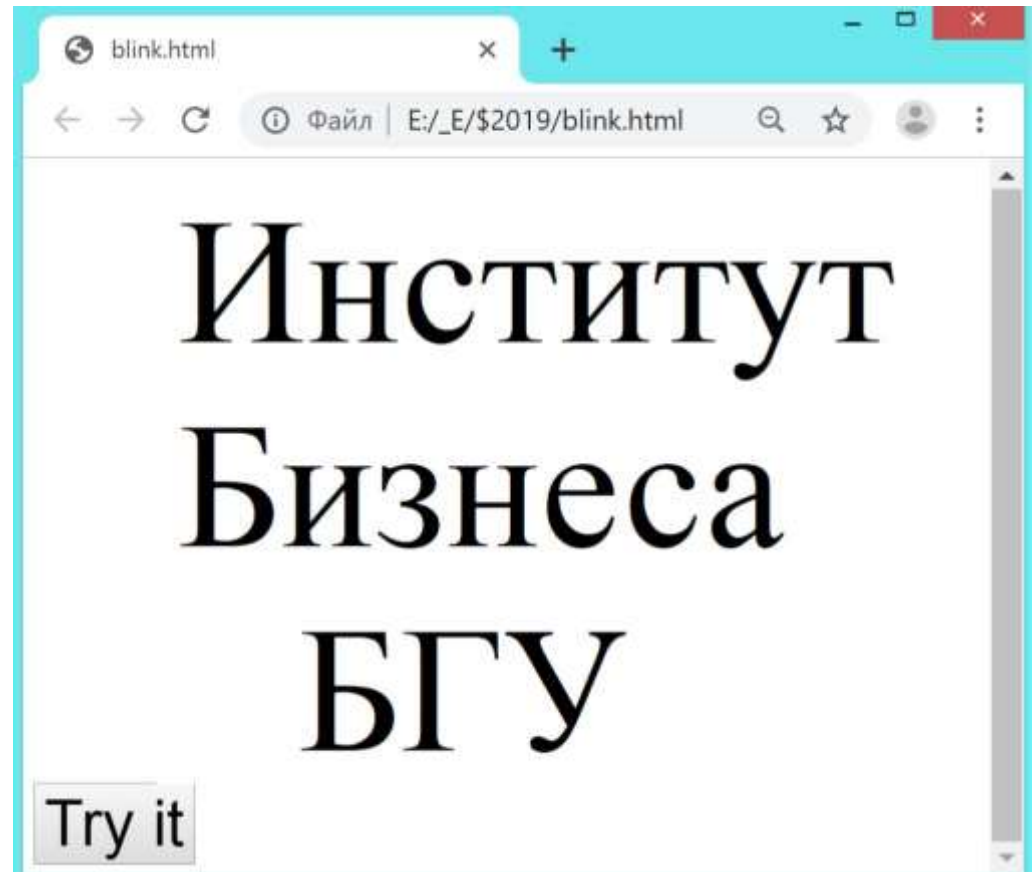
```
  </div>
```

```
<button onclick="go()">
```

```
  Try it </button>
```

```
</body>
```

```
</html>
```



# Positioning

```
<!DOCTYPE html>
<html>
<style>
#div1 {
  width: 100px;
  height: 200px;
  background: #ffe0e0;
}
</style>

<body>
<div id="div1">
  <p>div1</p>
</div>

</body>
</html>
```

div1



```
<style>
```

```
#div1 { width: 100px; height: 200px;  
  background: #ffe0e0;  
}
```

```
#div2 {width: 300px; height:200px;  
position: relative;  
background: #d0e0ff;}
```

```
#div2-1 {width: 150px; height:80px; position: absolute;  
top: 50px; left: 100px;  
background: red;}
```

```
</style>
```

<body>

.....

<div id="div2">

<p>div2</p>

**<div id="div2-1">**

**<p>div2-1</p>**

**</div>**

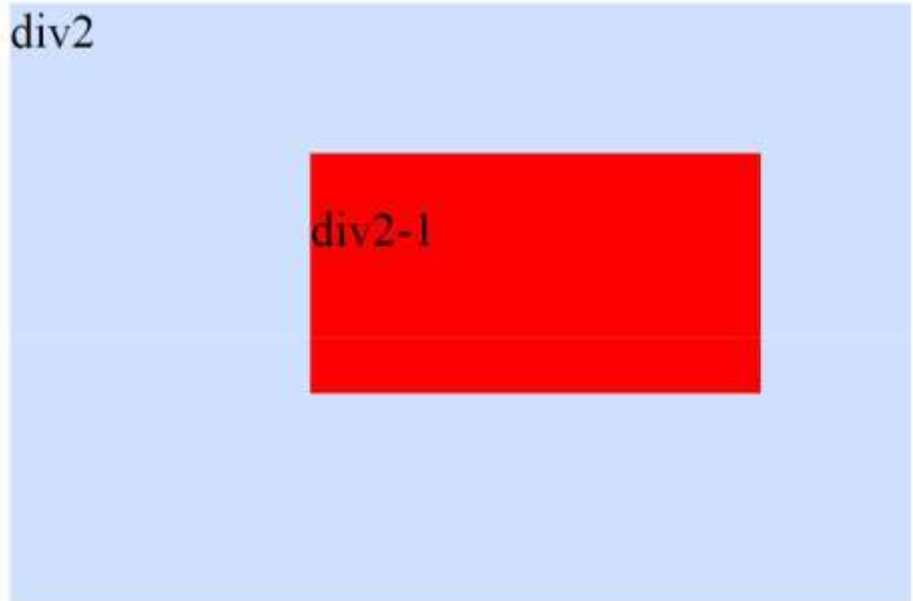
</div>

<body>

div1

A vertical red rectangle with a thin black border. The text 'div1' is positioned at the top left corner of the rectangle.

div2

A large light blue rectangle with a thin black border. The text 'div2' is positioned at the top left corner. Inside this rectangle, towards the bottom right, is a smaller red rectangle with a thin black border. The text 'div2-1' is positioned at the top left corner of the red rectangle.

div2-1

#div3

```
{width: 300px; height:  
200px; background: #ffaae0;}
```

#div3-1

```
{  
width: 150px; height:80px;  
position: absolute;  
top:50px; left: 100px;  
background:  
#aaffe0;}
```

<body>

.....

```
<div id="div3">
```

```
<p>div3</p>
```

```
<div id="div3-1">
```

```
<p>div3-1</p>
```

```
</div>
```

```
</div>
```

<body>

