

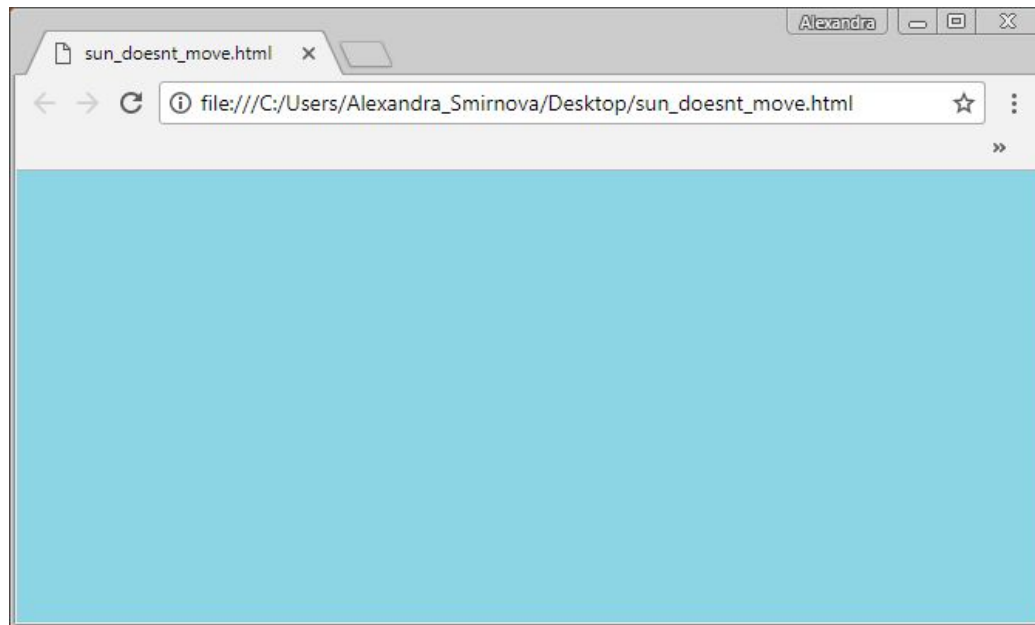
# Фон (Backgrounds)

Свойства:

- ▶ background-color
- ▶ background-image
- ▶ background-repeat

# background-color

```
body {  
  background-color: #8BD5E5  
}
```



# background-image

```
body {  
  background-image: url("lala.jpg")  
}
```



# background-repeat

```
body{  
  background-image: url("lala.jpg");  
  background-repeat: repeat-x;  
}
```



# background-repeat

- ▶ repeat-x
- ▶ repeat-y
- ▶ no-repeat

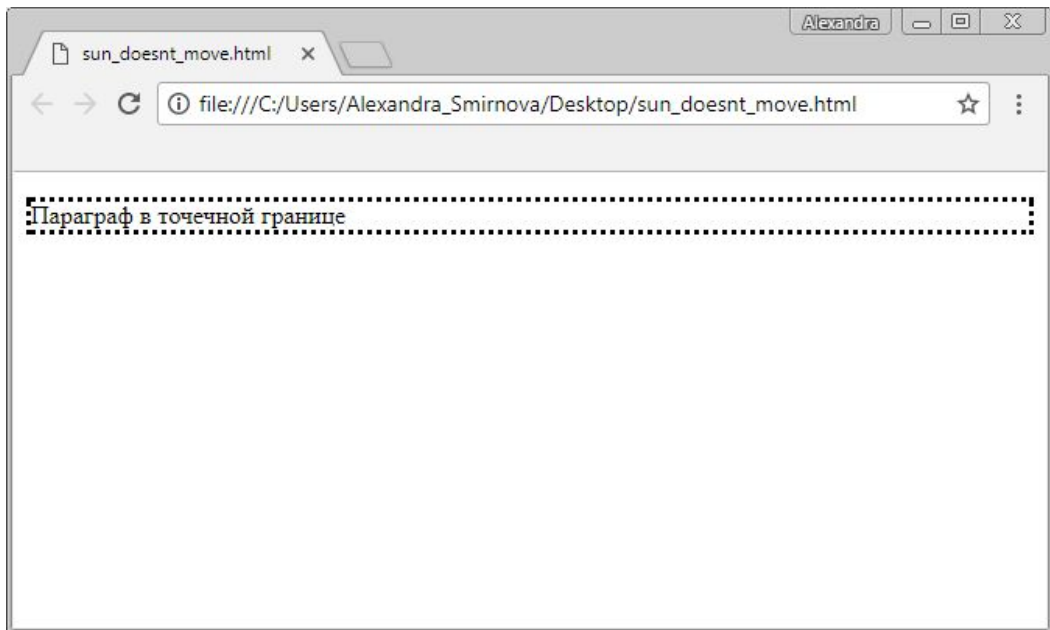
# <div> и <span>

```
<div style="background-color:salmon">  
  <h3>Заголовок</h3>  
  <p>Параграф</p>  
</div>
```

```
<span style="color:salmon">  
  <h3>Заголовок</h3>  
  <p>Параграф</p>  
</span>
```

# Границы

```
dotted {  
    border-style: dotted;  
}
```



# Виды границ

- ▶ dotted - точки
- ▶ dashed - пунктирная
- ▶ solid - сплошная
- ▶ double - двойная
- ▶ groove - «бороздки»
- ▶ ridge - «выпуклая»



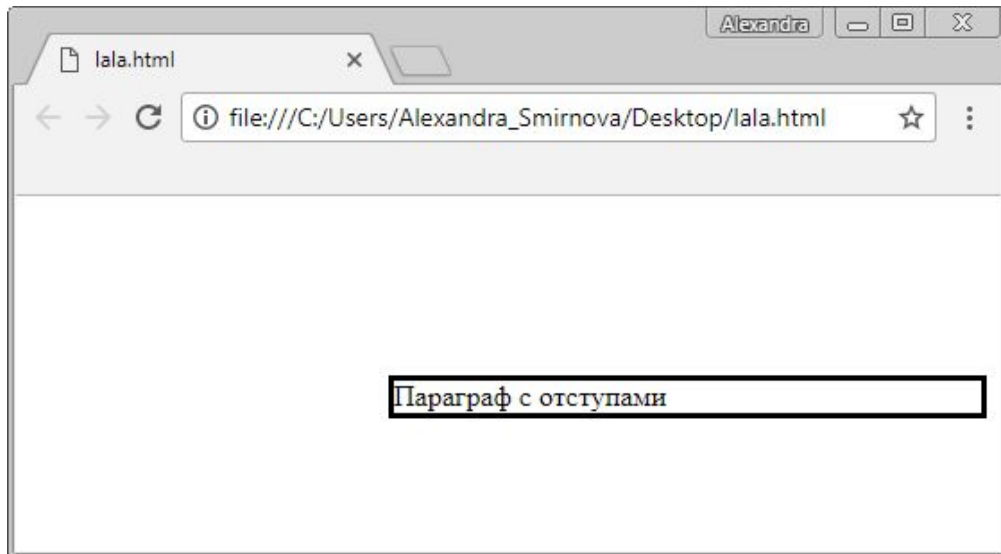
```
p {  
  border-style: dotted;  
  border-color: yellow;  
  border-width: 5px;  
}
```

Можно сократить до

```
p {  
  border: 5px dotted yellow;  
}
```

# Margin («внешний отступ»)

```
p {  
    margin-top: 100px;  
    margin-right: 50px;  
    border-style: solid;  
}
```

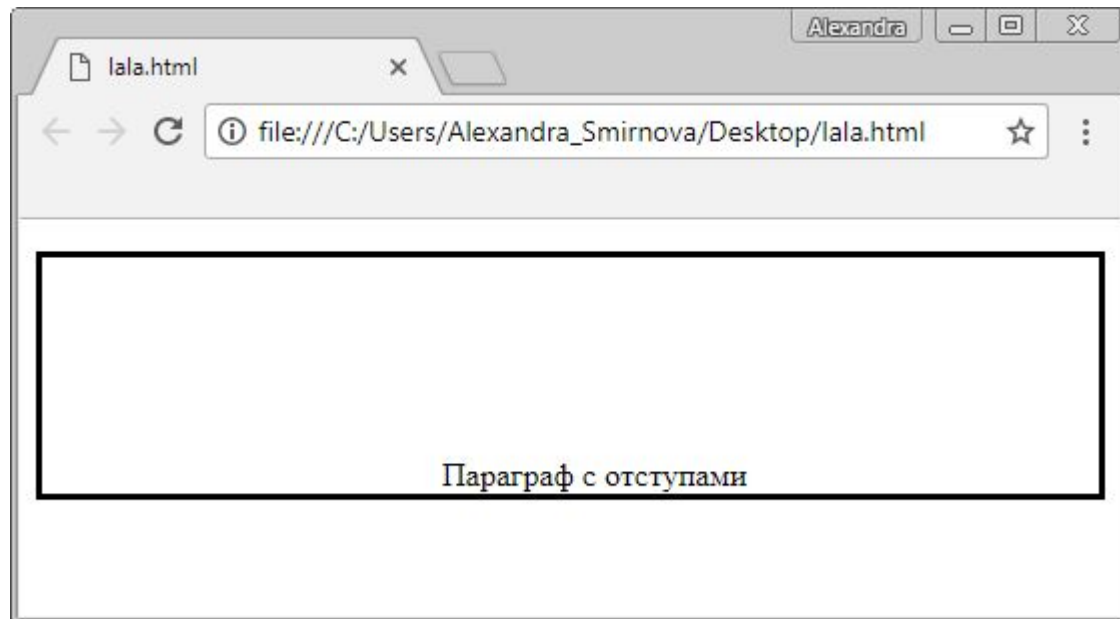


# Margin («внешний отступ»)

- ▶ margin-top
- ▶ margin-right
- ▶ margin-bottom
- ▶ margin-left

# Padding («внутренний отступ»)

```
p {  
    padding-top: 100px;  
    padding-left: 200px;  
    border-style: solid;  
}
```



# Высота и ширина (height и width)

- ▶ 

```
.wideDiv {  
  max-width: 500px;  
  height: 100px;  
  background-color: powderblue;  
}
```
- ▶ 

```
.longDiv {  
  width: 500px;  
  min-height: 100px;  
  background-color: powderblue;  
}
```

# Position

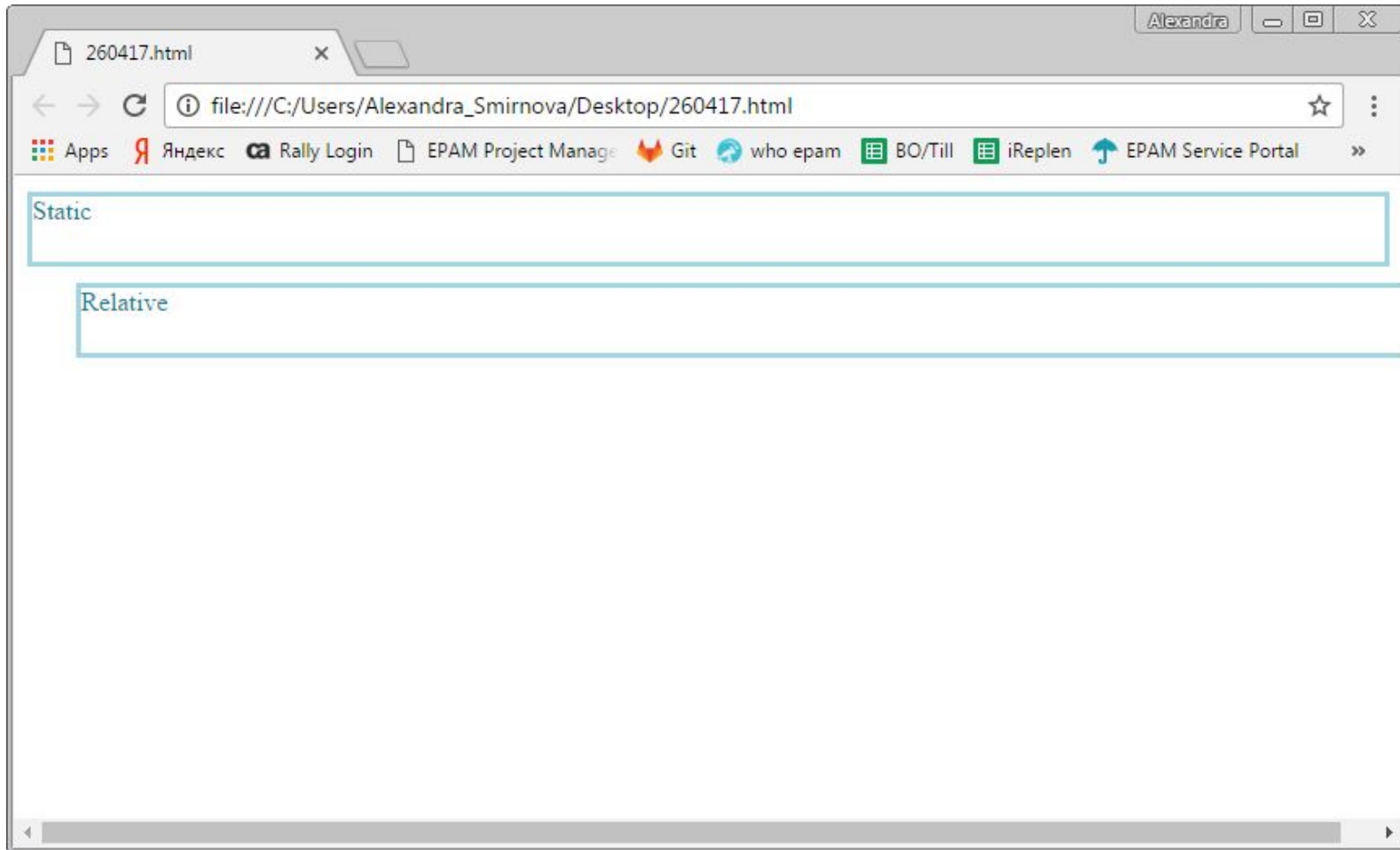
- ▶ static
- ▶ relative
- ▶ absolute
- ▶ fixed

# Static и relative

```
div {  
  min-height: 40px;  
  left: 30px;  
  margin-top: 10px;  
  border: 3px solid #A0D7E3;  
  color: #157E95;  
}  
div.static {  
  position: static;  
}  
div.relative {  
  position: relative  
}
```

```
<div class="static">Static</div>
```

```
<div class="relative">Relative</div>
```





# Fixed

CSS:

```
div.fixed {  
    background-color: #3DCC9C;  
    min-height: 300px;  
    min-width: 500px;  
    position: fixed;  
    bottom: 0;  
    right: 0;  
}
```

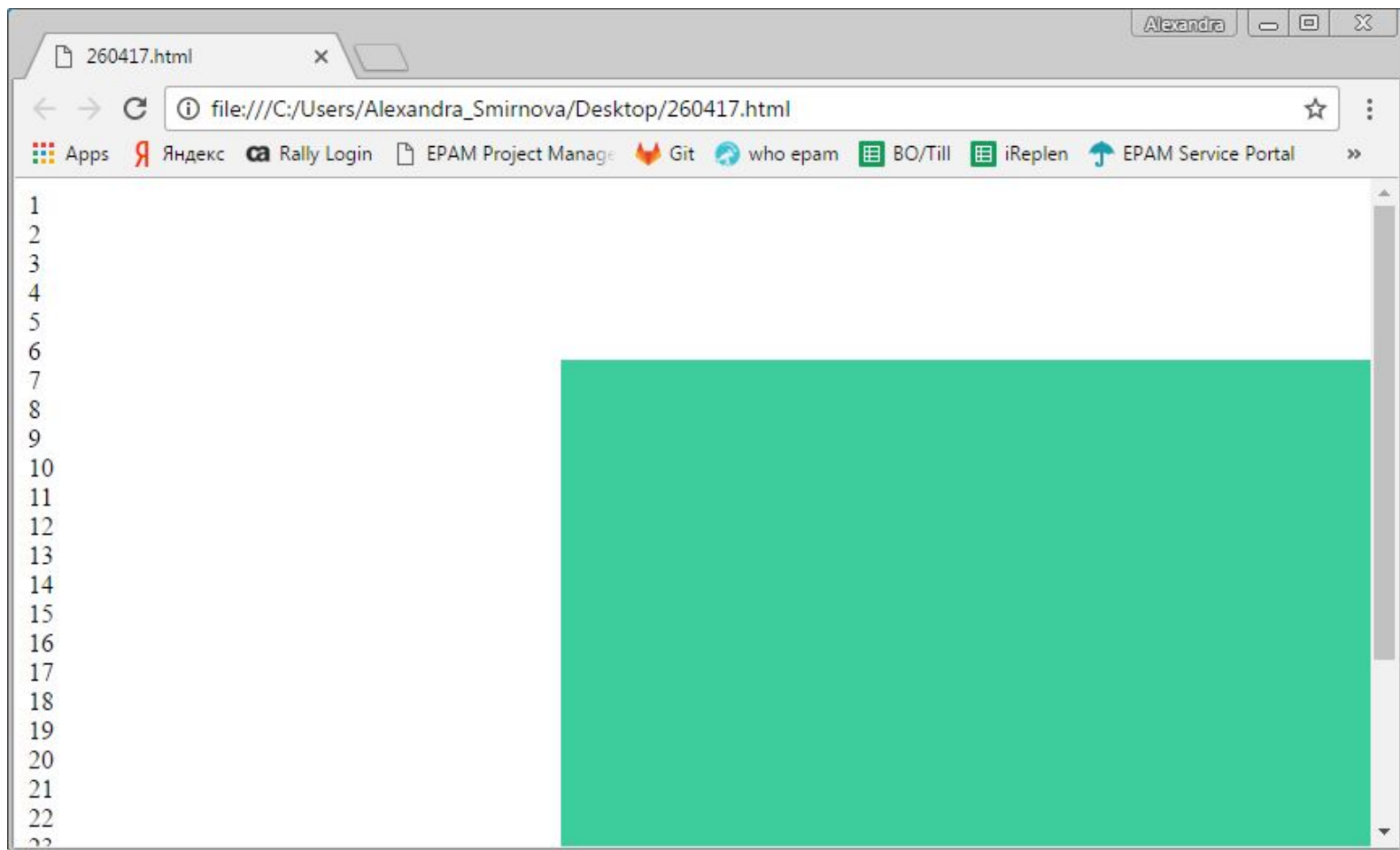
html:

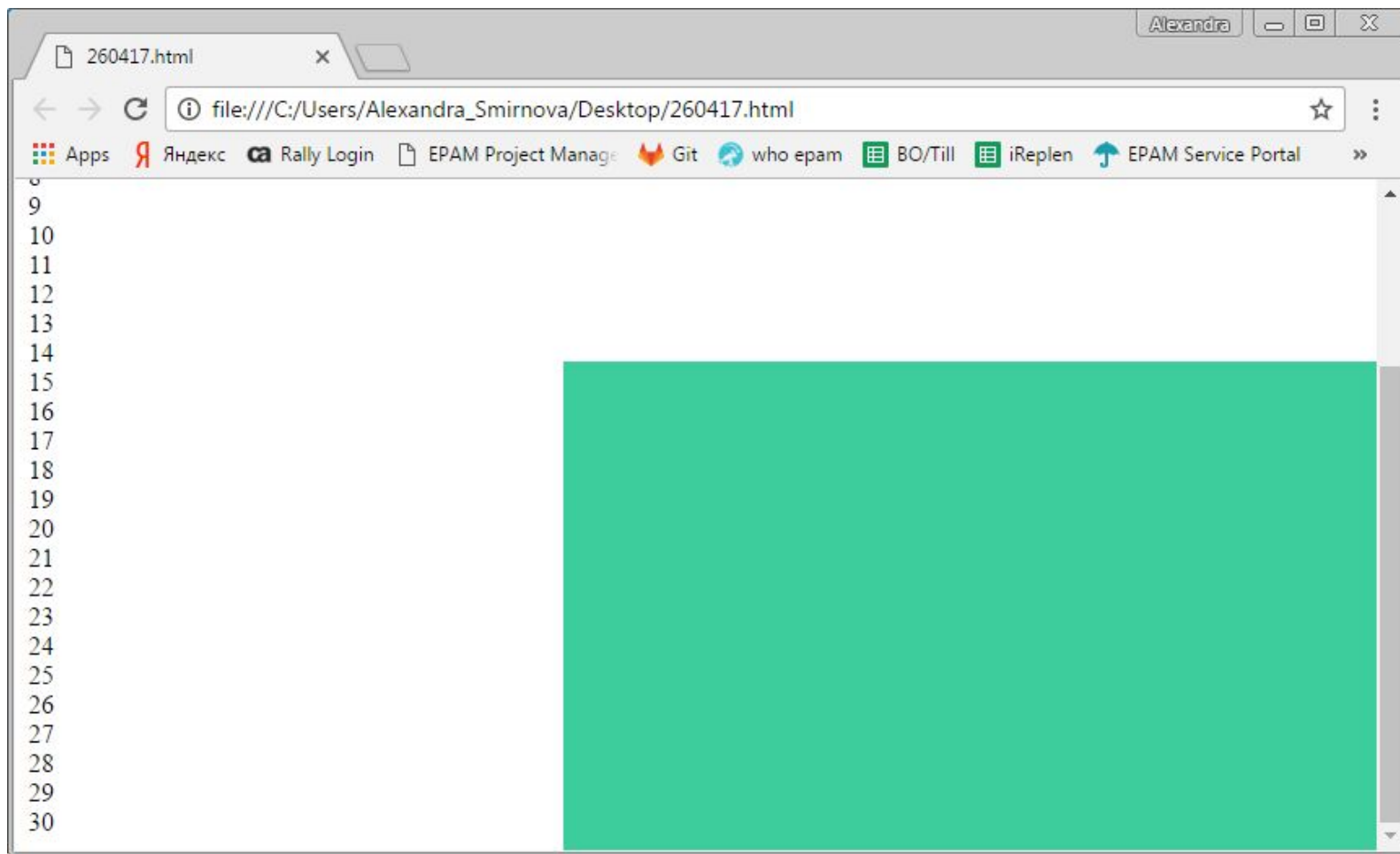
```
<div class="fixed"></div>
```

```
1<br>
```

```
...
```

```
30<br>
```



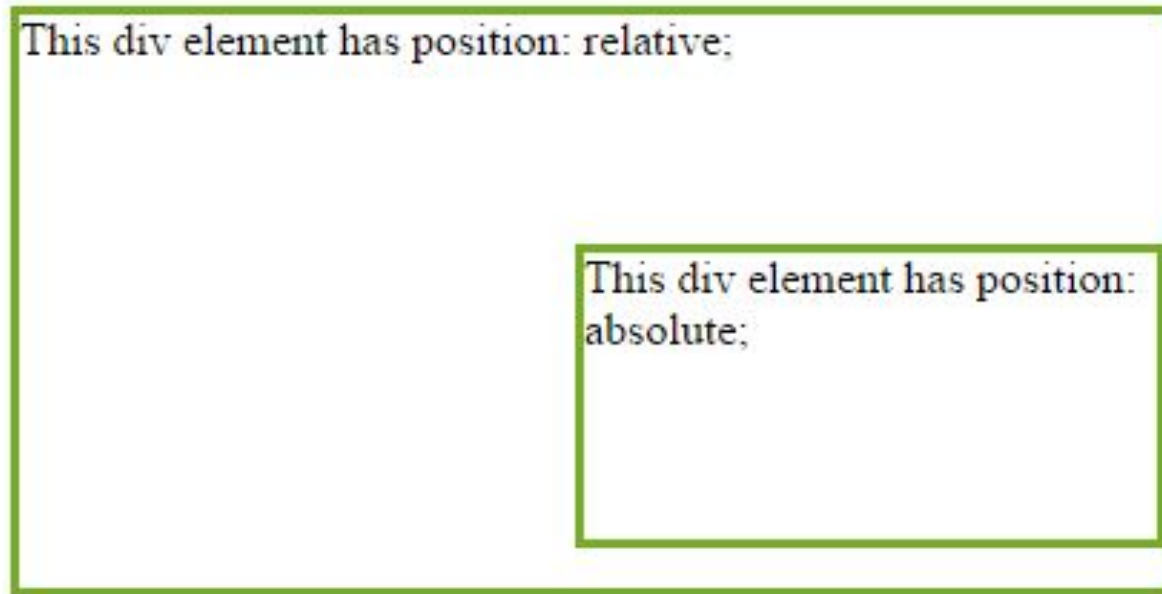


# Relative и absolute

```
div.relative {  
    position: relative;  
    width: 400px;  
    height: 200px;  
    border: 3px solid #73AD21;  
}
```

```
div.absolute {  
    position: absolute;  
    top: 80px;  
    right: 0;  
    width: 200px;  
    height: 100px;  
    border: 3px solid #73AD21;  
}
```

```
<div class="relative">This div element has position: relative;  
  <div class="absolute">This div element has position: absolute;</div>  
</div>
```

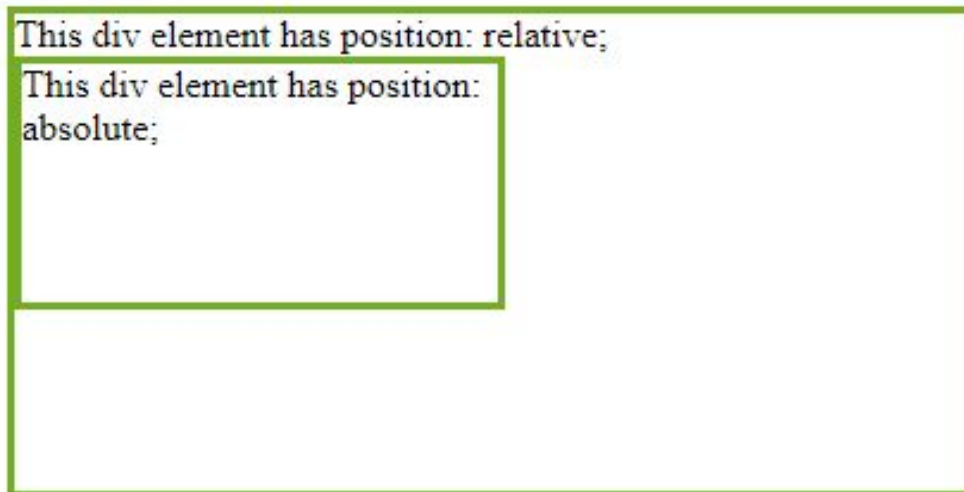


## Без relative

This div element has position: relative;

This div element has position:  
absolute;

Без absolute



# box-sizing

```
.contentBox {  
  box-sizing: content-box;  
  width: 300px;  
  height: 150px;  
  padding: 30px;  
  border: 10px solid blue;  
}
```

```
.borderBox {  
  box-sizing: border-box;  
  width: 300px;  
  height: 150px;  
  padding: 30px;  
  border: 10px solid blue;  
}
```



## **box-sizing: content-box (default):**

Ширина этого div - 300 пикселей. Но полная ширина элемента будет: 300 пикселей + 20 пикселей (левая + правая границы) + 60 пикселей (левый и правый отступы) = 380 пикселей. По тому же принципу вычисляется высота.

## **box-sizing: border-box:**

Здесь высота и ширина будут фиксированные 300 и 150 пикселей