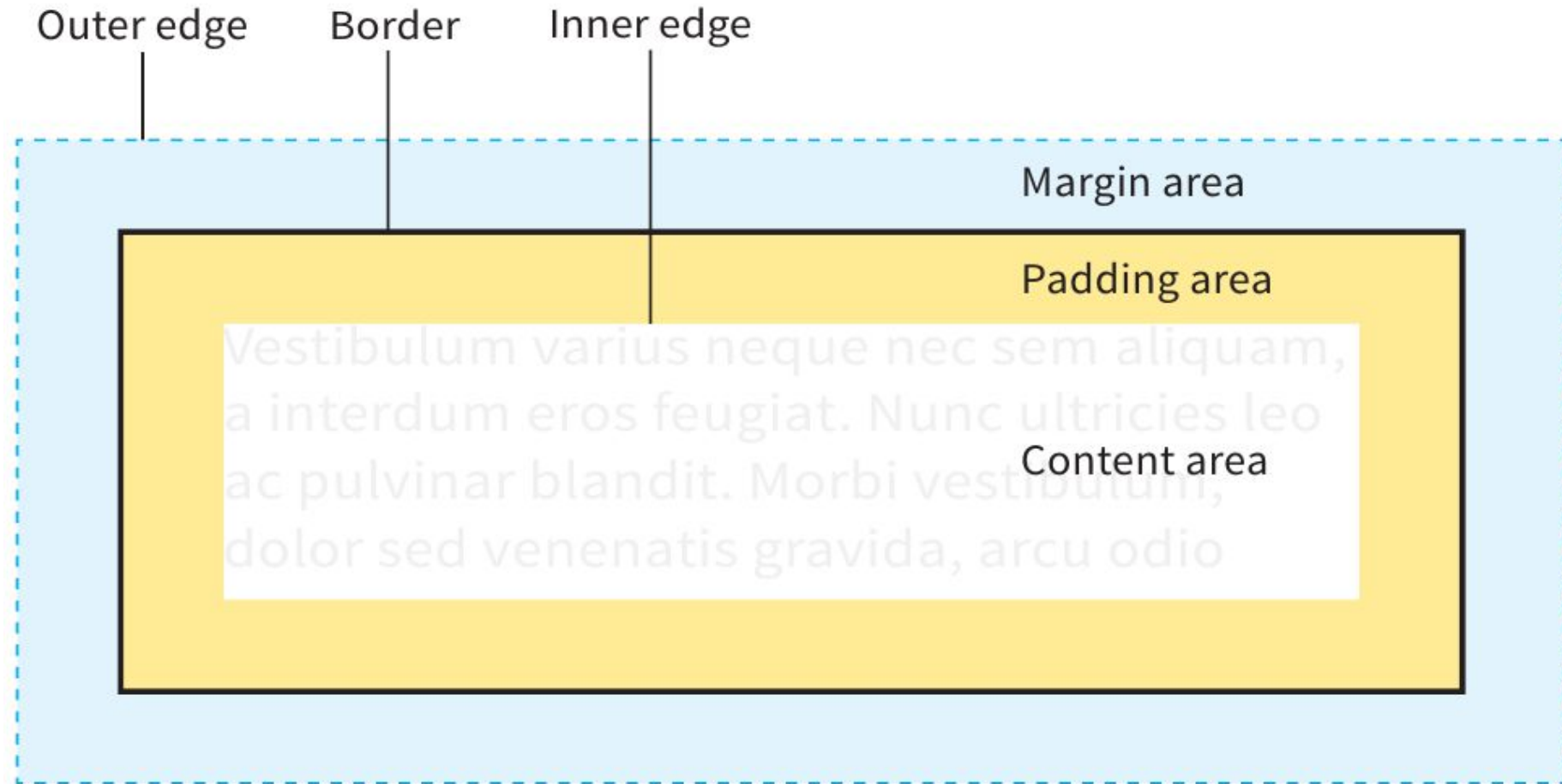


Bloklar

Element "quti"si (element box)



O'lchamlar

width – element kengligi

Qiymatlari: *uzunlik* | *foiz* | auto

height – element uzunligi

Qiymatlari: *uzunlik* | *foiz* | auto

max-height, max-width,

min-height, min-width – element uzunligi

Qiymatlari: *uzunlik* | *foiz* | auto

box-sizing – quti o'lchami

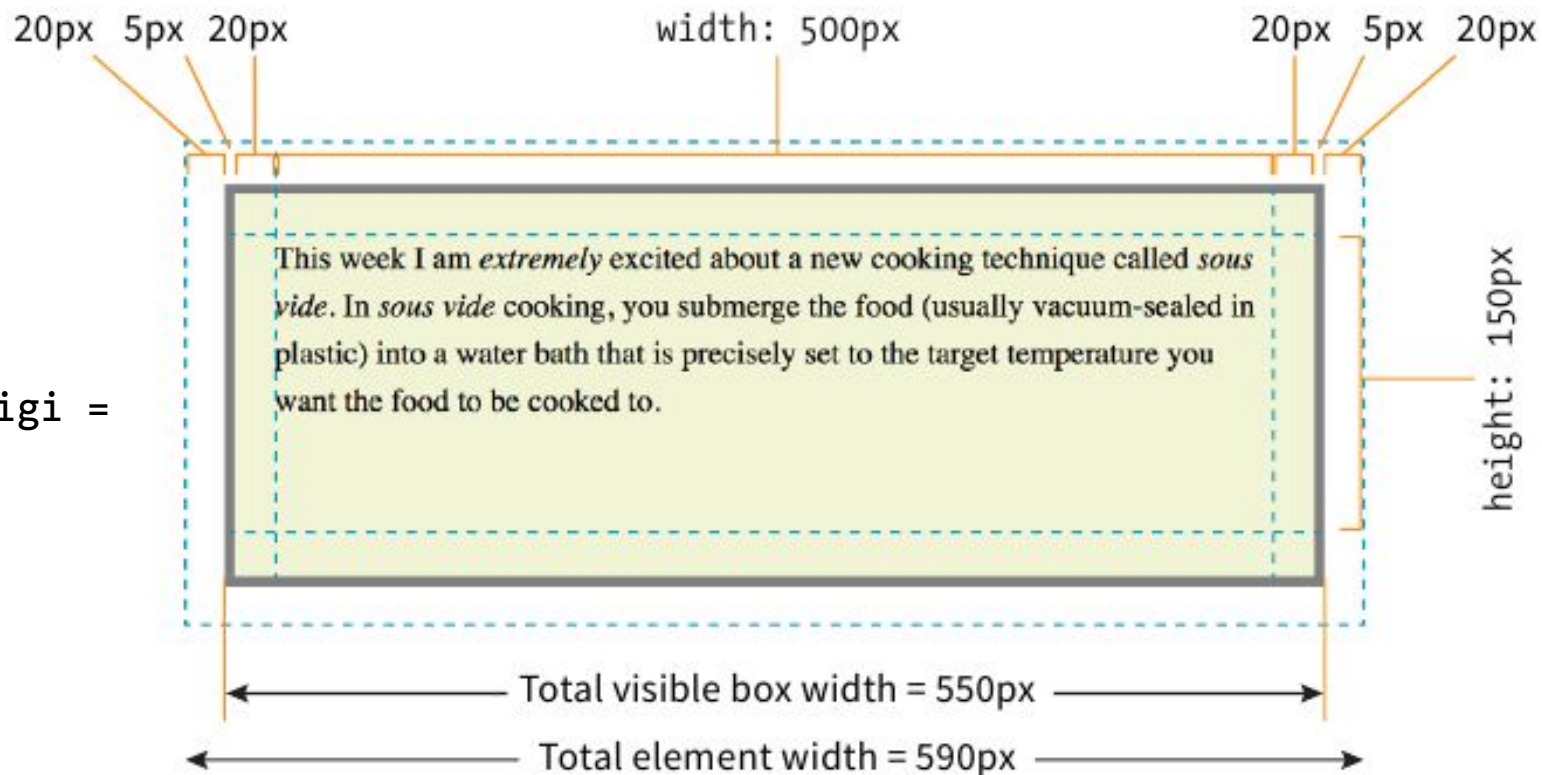
Qiymatlari: content-box | border-box

O'lchamlar (content-box model)

```
p {  
  background: #f2f5d5;  
  width: 500px;  
  height: 150px;  
  padding: 20px;  
  border: 5px solid gray;  
  margin: 20px;  
}
```

Quti elementning ko'rinadigan kengligi =
5px + 20px +
500px content width +
20px + 5px = 550px

Quti elementning to'liq kengligi =
20px + 5px + 20px +
500px content width +
20px + 5px + 20px = 590px

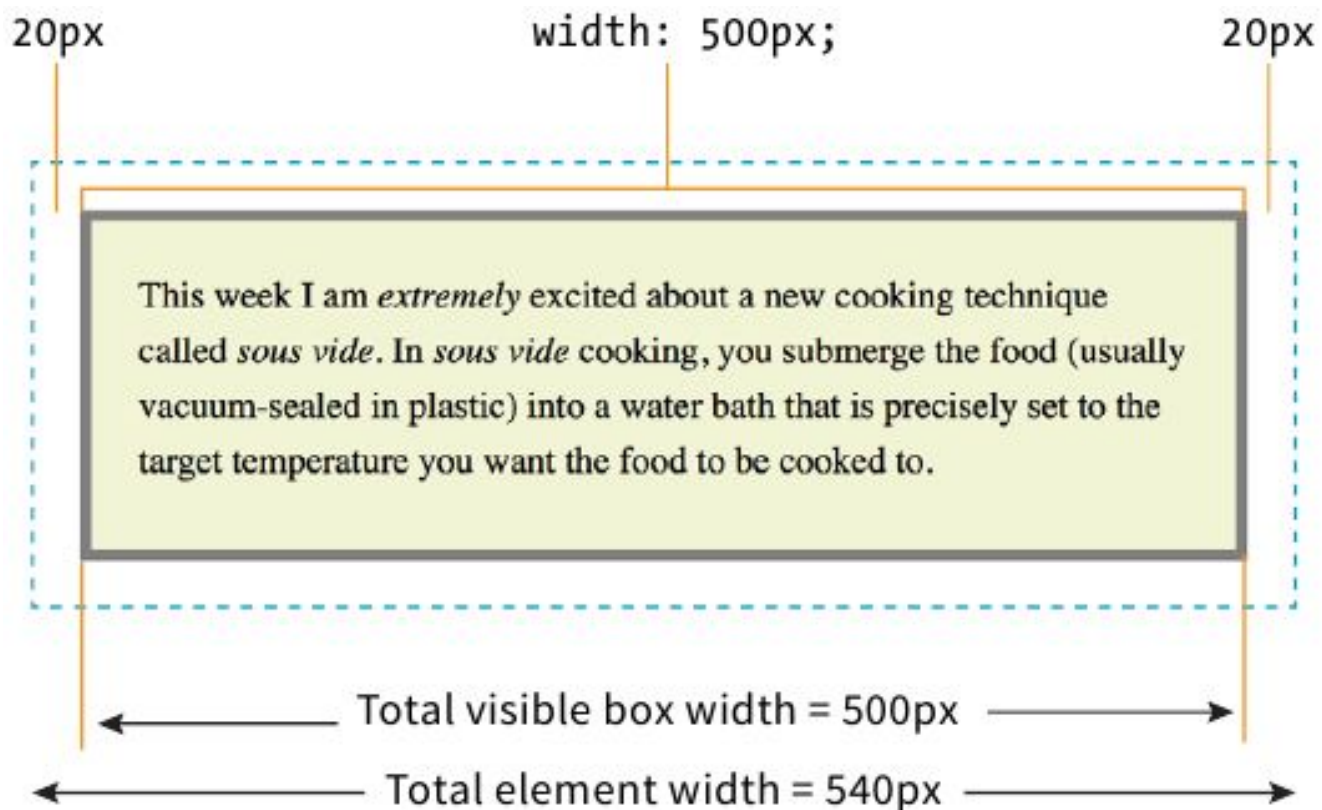


O'lchamlar (border-box model)

```
p {  
  background: #f2f5d5;  
  width: 500px;  
  height: 150px;  
  padding: 20px;  
  border: 5px solid gray;  
  margin: 20px;  
  box-sizing: border-box;  
}
```

Quti elementning ko'rinadigan kengligi =
 $5\text{px} + 20\text{px} + 450\text{px content width} + 20\text{px} + 5\text{px} = 500\text{px}$

Quti elementning to'liq kengligi =
 $20\text{px} + 5\text{px} + 20\text{px} + 450\text{px content width} + 20\text{px} + 5\text{px} = 540\text{px}$



O'Ichamlar

```
box-sizing: content-box;  
width: 500px;
```

This week I am *extremely* excited about a new cooking technique called *sous vide*. In *sous vide* cooking, you submerge the food (usually vacuum-sealed in plastic) into a water bath that is precisely set to the target temperature you want the food to be cooked to.

```
box-sizing: border-box;  
width: 500px;
```

"Oshib ketish"ni qayta ishlash

"Quti" o'lchamidan ortib ketadigan kontentni yashirish

overflow

Qiymatlari: visible | hidden | scroll | auto

overflow-x

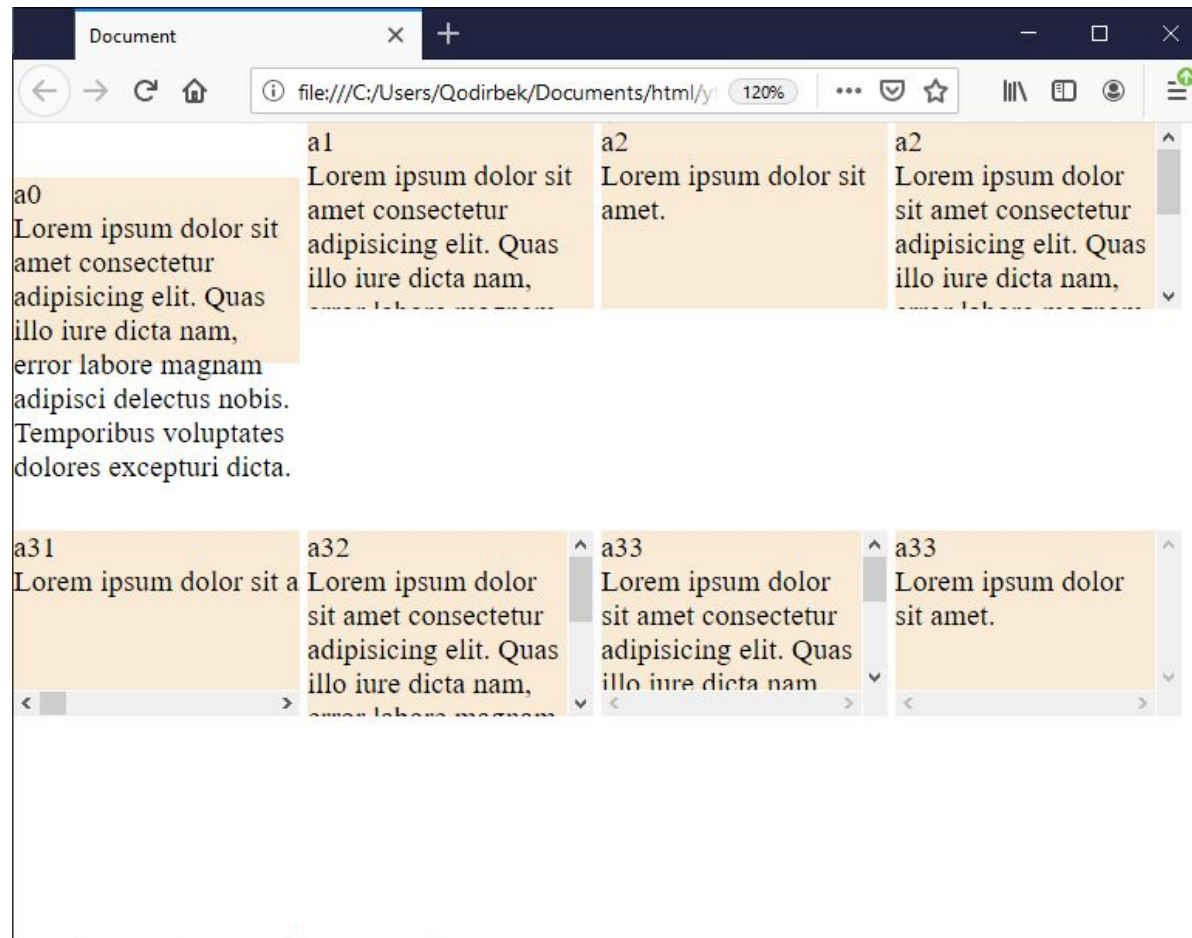
Qiymatlari: visible | hidden | scroll | auto

overflow-y

Qiymatlari: visible | hidden | scroll | auto

"Oshib ketish"ni qayta ishlash

```
* {  
  margin: 0;  
  padding: 0;  
}  
  
div {  
  width: 24%;  
  height: 100px;  
  display: inline-block;  
  background-color: antiquewhite;  
  margin-bottom: 90px;  
}  
  
.a0 {  
  overflow: visible;  
}  
  
.a1 {  
  overflow: hidden;  
}  
  
.a2 {  
  overflow: auto;  
}  
  
.a31 {  
  white-space: nowrap;  
  overflow-x: scroll;  
}  
  
.a32 {  
  overflow-y: scroll;  
}  
  
.a33 {  
  overflow: scroll;  
}
```



Vertikal joylashuv (matn sifatida)

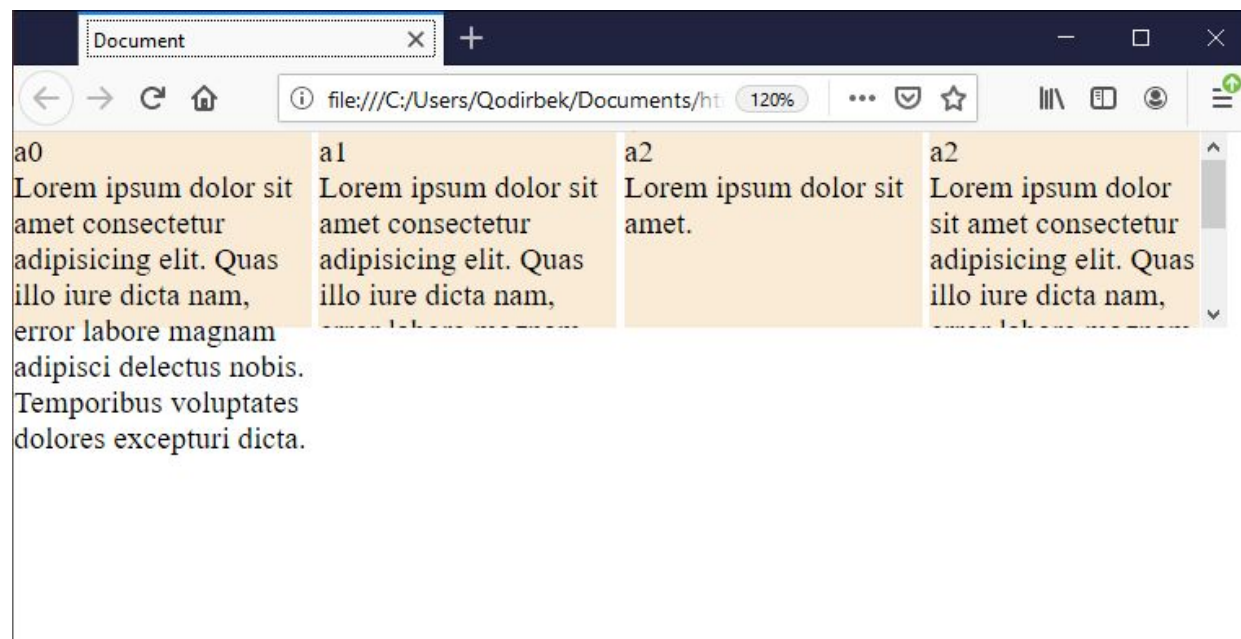
vertical-align (blokli elementlar qatorli element sifatida ishlatilganda o'rinli)

Qiymatlari: baseline | sub | super | text-top | text-bottom | middle | top | bottom | *foiz* | *uzunlik*

```
* {
  margin: 0;
  padding: 0;
}

div {
  width: 24%;
  height: 100px;
  display: inline-block;
  background-color: antiquewhite;
  margin-bottom: 90px;
  vertical-align: top;
}

.a0 {
  overflow: visible;
}
```



Kontent va chegara orasidagi masofa (Padding)

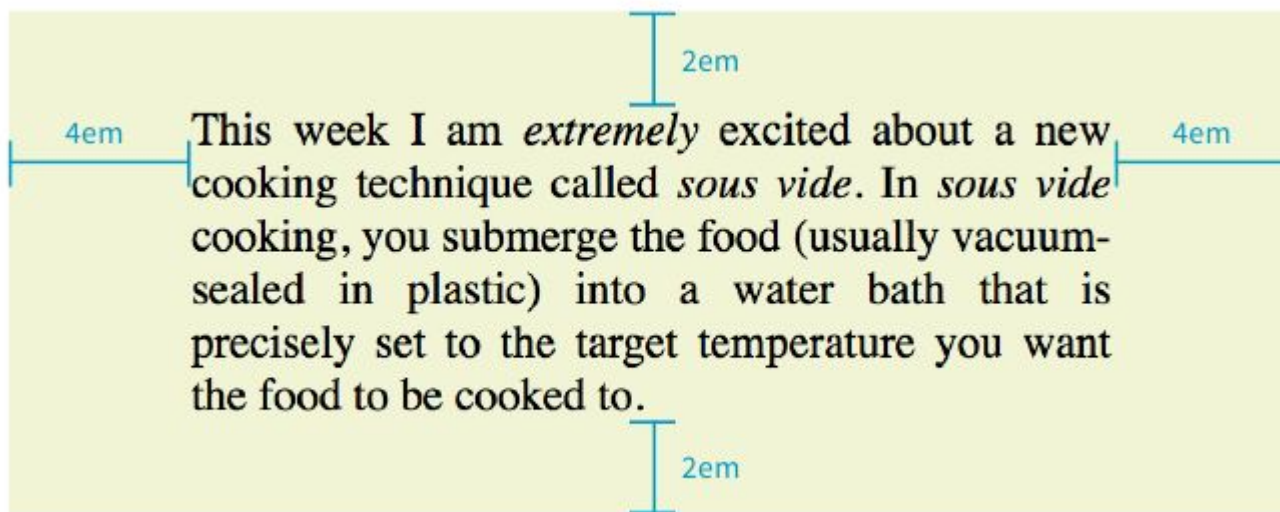
Elementning kontent sohasidan chegarasigacha bo'lgan masofa

`padding-top`, `padding-right`, `padding-bottom`, `padding-left`

Qiymatlari: *uzunlik* | *foiz*

`padding-top: 2em;`

`padding-left: 4em;`



`padding-right: 4em;`

`padding-bottom: 2em;`

Qisqa padding xossasi

Tomonlar bo'yicha qisqartirilgan shakli:

padding

Qiymatlari: *uzunlik | foiz*

Ko'rinishlari:

padding: *top right bottom left*; padding: 20px 10px 5px 10px;

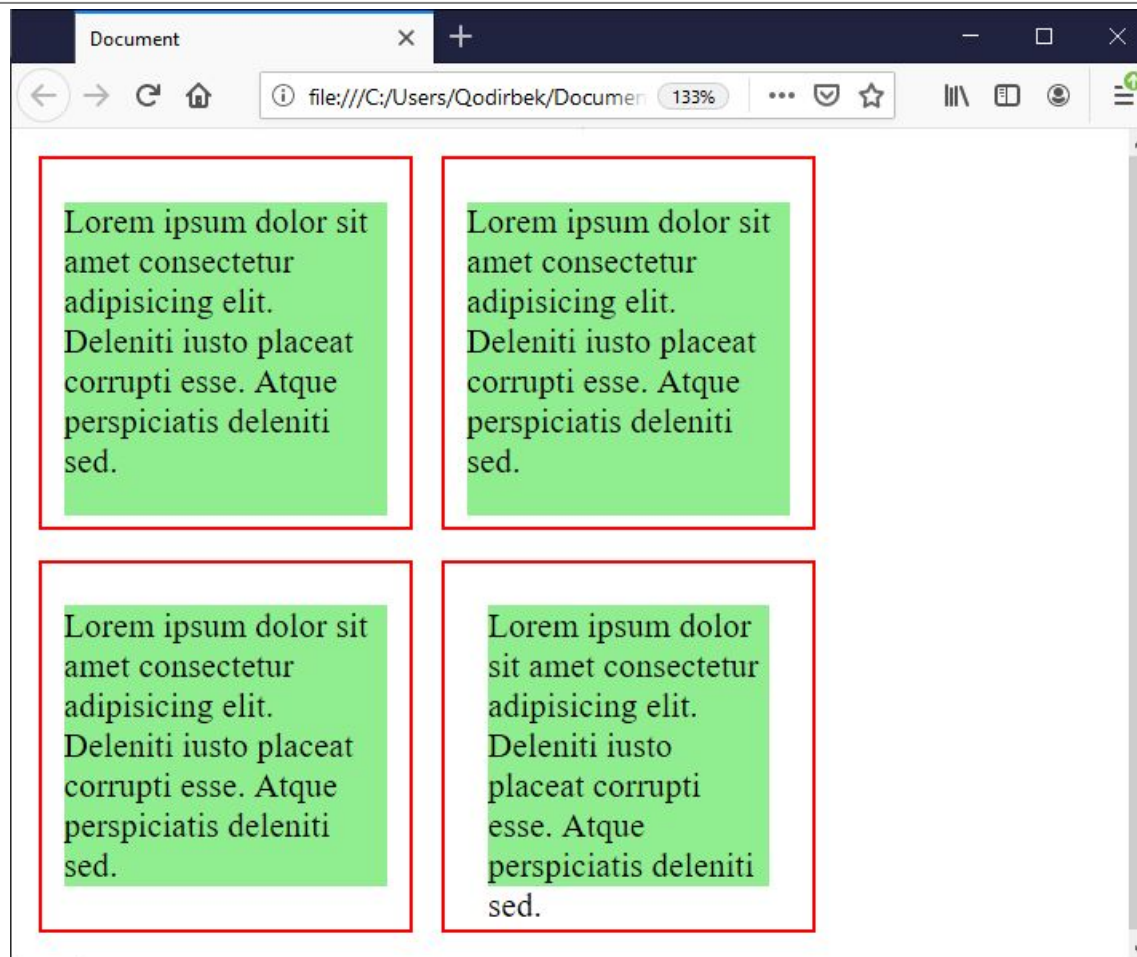
padding: *top right/left bottom*; padding: 20px 10px 5px;

padding: *top/bottom right/left*; padding: 20px 10px;

padding: *top/right/bottom/left*; padding: 20px;

Qisqa padding xossasi

```
div {  
  width: 175px;  
  height: 175px;  
  display: inline-block;  
  border: solid 2px red;  
  box-sizing: border-box;  
  background-color: lightgreen;  
  background-clip: content-box;  
  overflow: hidden;  
  margin: 5px;  
}  
  
.a1 {  
  padding: 20px 10px 5px 10px;  
}  
  
.a2 {  
  padding: 20px 10px 5px;  
}  
  
.a3 {  
  padding: 20px 10px;  
}  
  
.a4 {  
  padding: 20px;  
}
```



























Chegara stili

border-top-style, border-right-style, border-bottom-style, border-left-style

Qiymatlari: none | solid | hidden | dotted | dashed | double | groove | ridge | inset | outset

border-style (Tomonlar bo'yicha qisqartirilgan shakli)

Qiymatlari: none | solid | hidden | dotted | dashed | double | groove | ridge | inset | outset

dotted			
dashed			
solid			
double			
groove			
ridge			
inset			
outset			

Chegara qalinligi va rangi

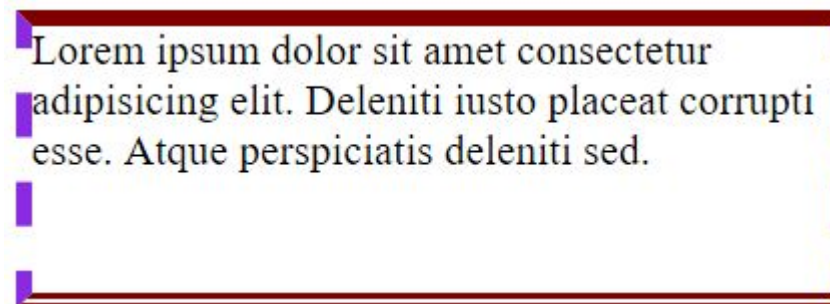
border-top-width, border-right-width, border-bottom-width, border-left-width, border-width (tomonlar bo'yicha qisqartirilgan shakli)

Qiymatlari: *uzunlik* | thin | medium | thick

border-top-color, border-right-color, border-bottom-color, border-left-color, border-color (tomonlar bo'yicha qisqartirilgan shakli)

Qiymatlari: *rang qiymatlar* | transparent

```
div.sp {  
  border-color: maroon blueviolet;  
  border-style: solid dashed double;  
  border-width: 6px;  
  width: 300px;  
  height: 100px;  
}
```



Qisqartirilgan border xossasi

border-top, border-right, border-bottom, border-left,

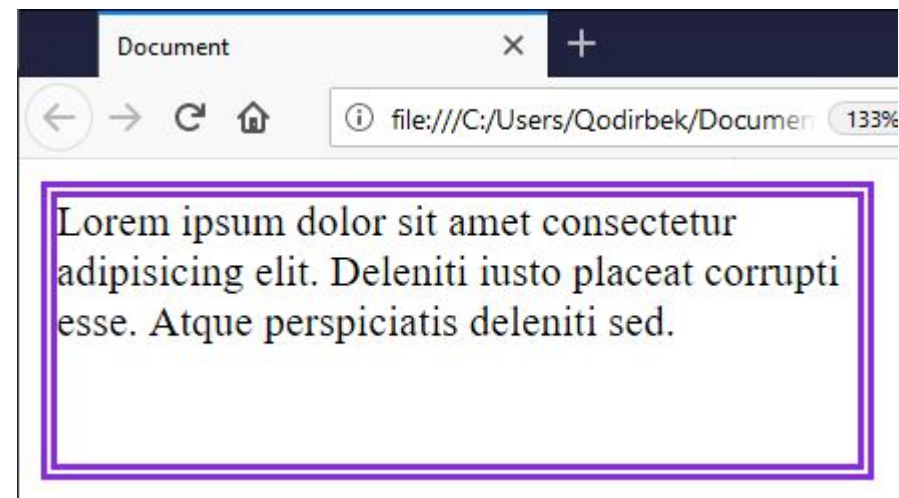
border

qiymatlari: border-style border-width border-color

***border xossasi faqatgina 1ta qiymat qabul qiladi va qiymatlar barcha tomonlarga ta'sir etadi.**

```
border: solid dashed double 6px maroon blueviolet;
```

```
border: double 6px turquoise;
```



Konturlar (tashqi chegara)

outline-style – kontur stili

Qiymatlari: auto | solid | none | dotted | dashed | double | groove | ridge | inset | outset

outline-width – kontur qalinligi

Qiymatlari : *uzunlik* | thin | medium | thick

outline-color – kontur rangi

Qiymatlari : *rang qiymatlar* | invert

outline-offset – kontur va chegara orasidagi masofa

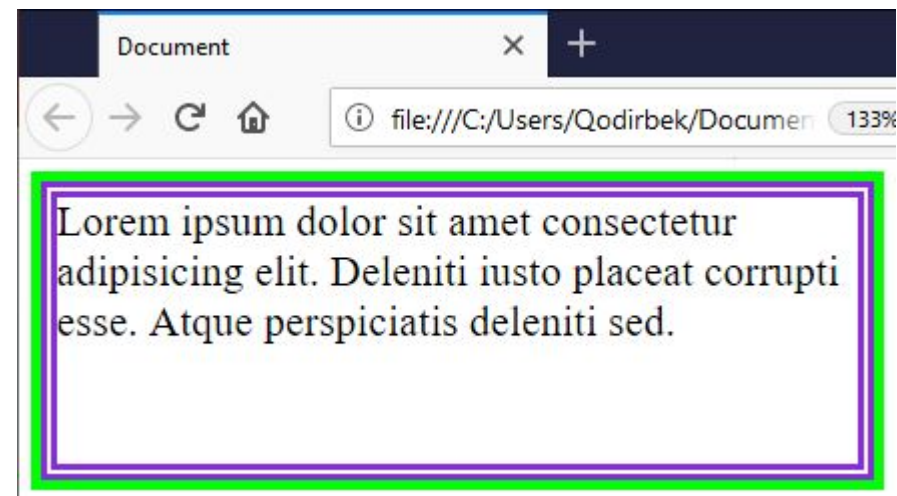
Qiymatlari : *uzunlik*

outline – qisqa ko'rinishi

Qiymatlari: outline-style outline-width outline-color

```
border: double 6px blueviolet;
```

```
outline: lime 4px solid;
```



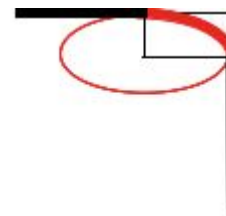
Aylanali burchaklar

`border-top-left-radius`, `border-top-right-radius`, `border-bottom-right-radius`, `border-bottom-left-radius`,

Qiymatlari: *uzunlik* | *foiz* [*uzunlik* | *foiz*]

`border-radius` (tomonlar bo'yicha qisqartirilgan shakli)

Qiymatlari: *uzunlik* | *foiz* [/ *uzunlik* | *foiz*]



`border-radius: 50px;`



`border-radius: 100px / 50px;`



`border-radius: 50px 100px;`



`border-radius: 50px 100px 150px 200px;`

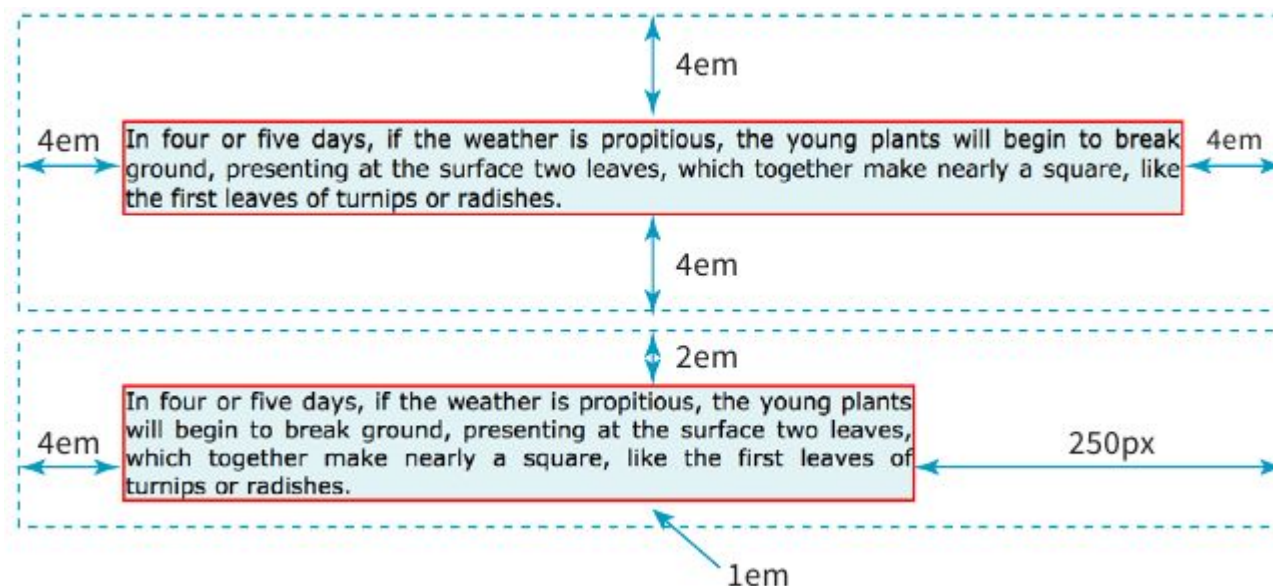
Elementlar orasidagi masofa (Margin)

Elementning chegarasining tashqi tomonidan bo'sh qoldiriluvchi joy
margin-top, margin-right, margin-bottom, margin-left

Qiymatlari: uzunlik | foiz | auto

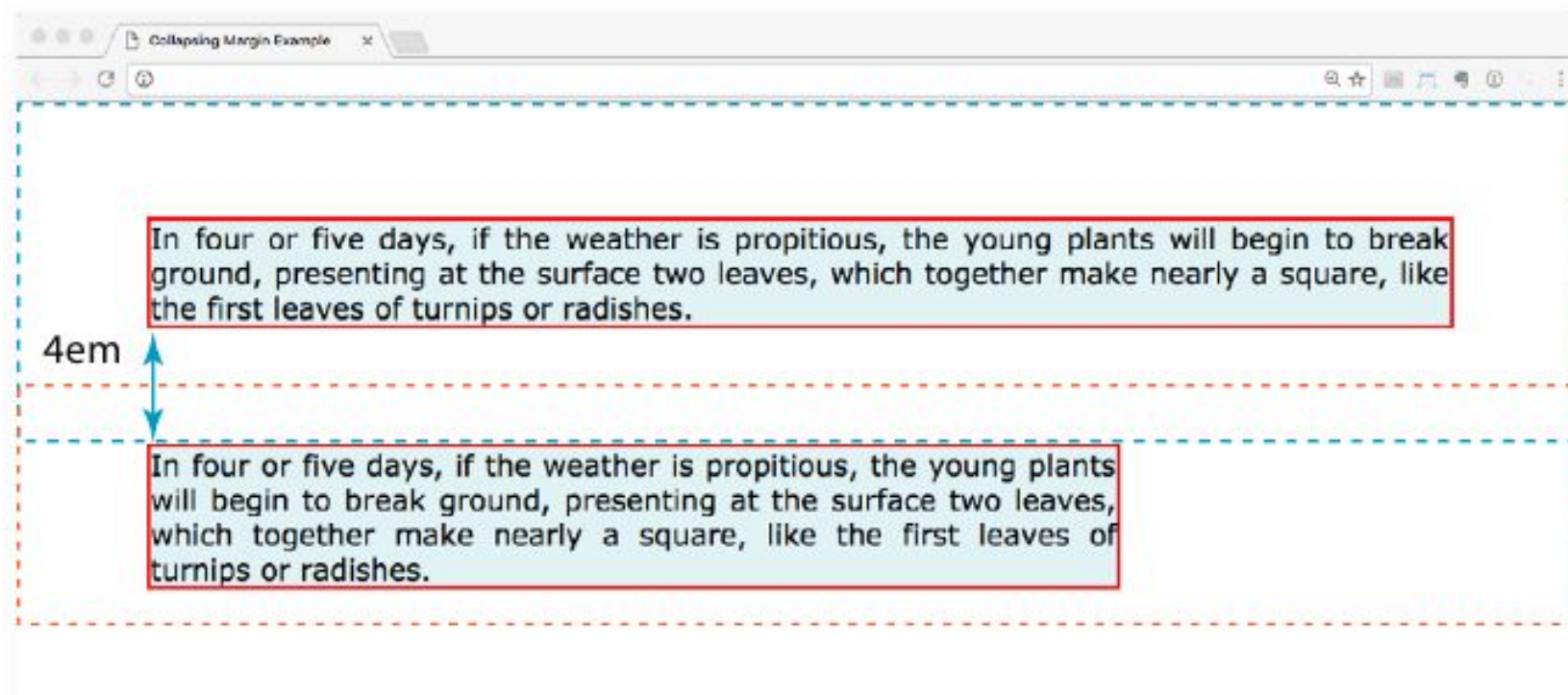
margin (tomonlar bo'yicha qisqartirilgan shakli)

Qiymatlari: uzunlik | foiz | auto



Elementlar orasidagi masofa (Margin)

Tepa va pastki tashqi masofalar (margin) qo'shilmaydi, balki ularning eng kattasi olinadi.



Elementlar orasidagi masofa (Margin)

Margin masofa xossasi qatorli (inline) elementlarga qo'llanilganda faqat chap va o'ng tomondan bo'sh joy qoldiriladi, qatorning tepa va pastki qismi o'zgarishsiz qoladi.

```
em { margin: 2em; }
```

In four or five days, if the weather is propitious, the young plants will begin to break ground, presenting at the surface two leaves, which together make nearly a square, like the first leaves of turnips or radishes.

```
img { margin: 2em; }
```

In four or five days, if the weather is propitious, the young



plants will begin to break ground, presenting at the surface two leaves, which together make nearly a square, like the first leaves of turnips or radishes.

Elementlar orasidagi manfiy masofa

Tashqi masofalar (margin) manfiy qiymat qabul qilishi mumkin.

```
p.top { margin-bottom: 3em; }
```

In four or five days, if the weather is propitious, the young plants will begin to break ground, presenting at the surface two leaves, which together make nearly a square, like the first leaves of turnips or radishes.

In four or five days, if the weather is propitious, the young plants will begin to break ground, presenting at the surface two leaves, which together make nearly a square, like the first leaves of turnips or radishes.

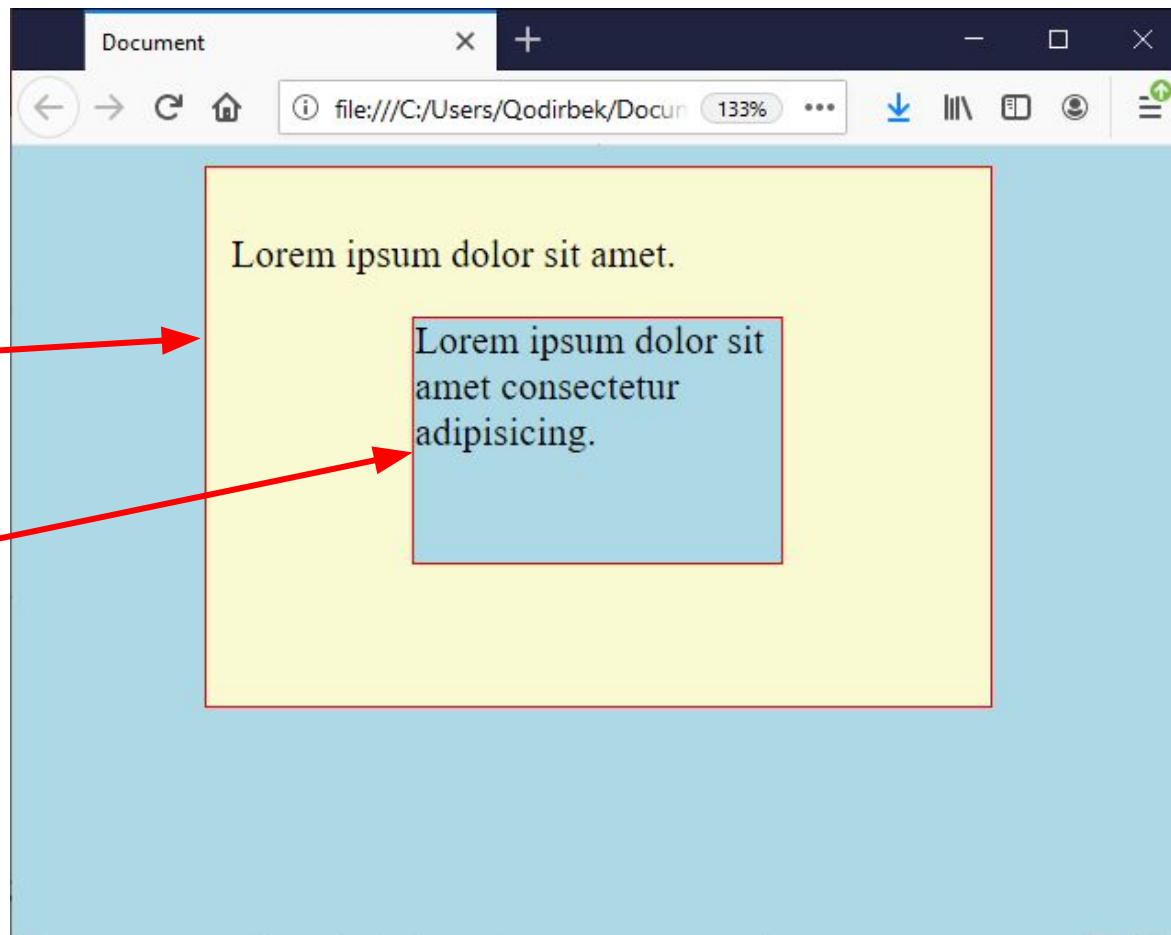
```
p.top { margin-bottom: -3em; }
```

In four or five days, if the weather is propitious, the young plants will begin to break ground, presenting at the surface two leaves, which together make nearly a square, like the first leaves of turnips or radishes.

In four or five days, if the weather is propitious, the young plants will begin to break ground, presenting at the surface two leaves, which together make nearly a square, like the first leaves of turnips or radishes.

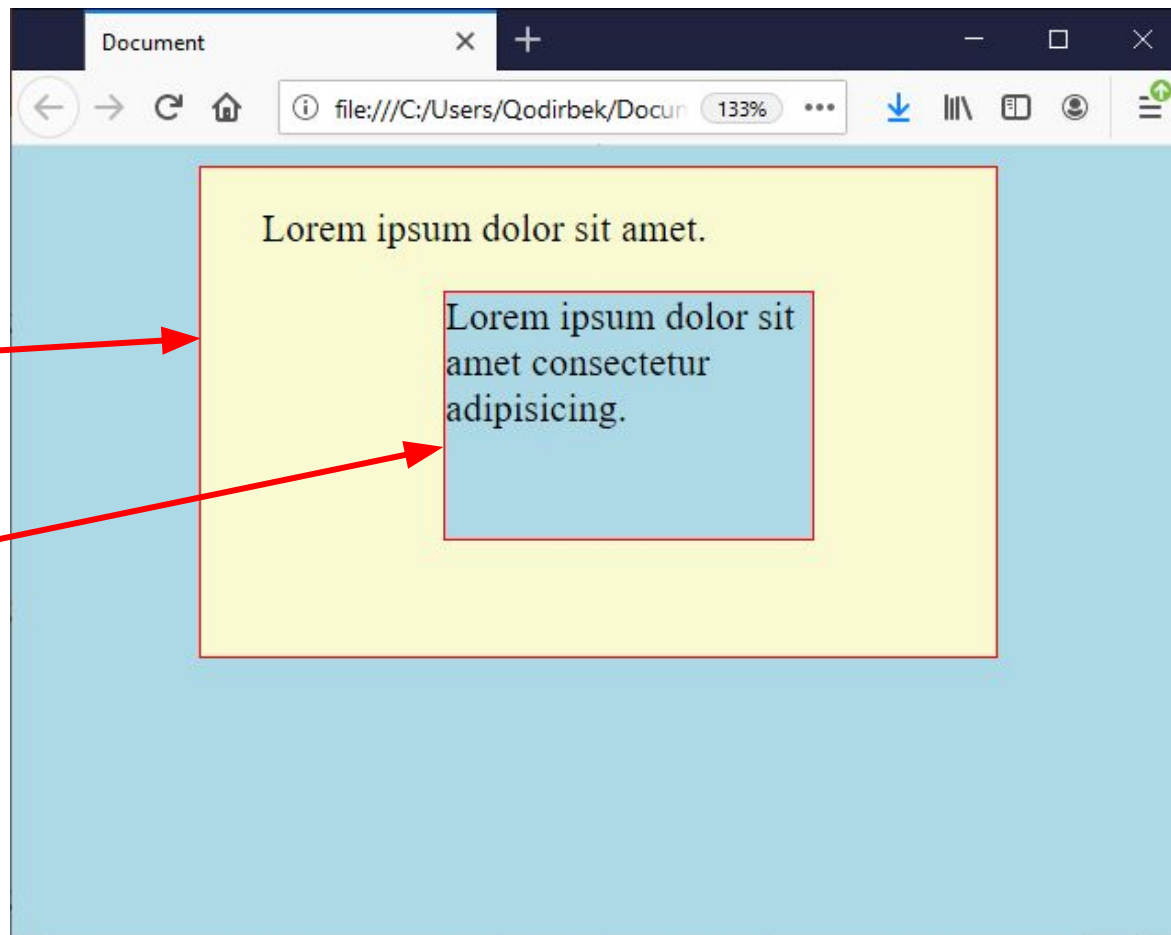
Marginni avtomatik hisoblash

```
div {  
  background-color: lightgoldenrodyellow;  
  width: 300px;  
  height: 100px;  
  background-origin: content-box;  
  border: 1px solid red;  
}  
  
.a1 {  
  margin: auto;  
  padding: 10px;  
  width: 300px;  
  height: 200px;  
}  
  
.a2 {  
  margin: auto;  
  width: 50%;  
  background: lightblue;  
}
```



Marginni avtomatik hisoblash

```
div {  
  background-color: lightgoldenrodyellow;  
  width: 300px;  
  height: 100px;  
  background-origin: content-box;  
  border: 1px solid red;  
}  
  
.a1 {  
  margin: auto;  
  padding-left: 25px;  
  width: 300px;  
  height: 200px;  
}  
  
.a2 {  
  margin: auto;  
  width: 50%;  
  background: lightblue;  
}
```



Ko'rinish turlari

display

Qiymatlari: inline | block | run-in | flex | grid | flow | flow-root | list-item |
table | table-row-group | table-header-group | table-footer-group |
table-row | table-cell | table-column-group | table-column |
table-caption | ruby | ruby-base | ruby-text | ruby-base-container |
ruby-text-container | inline-block | inline-table | inline-flex |
inline-grid | contents | none

Ko'rinish turlari

```
div {
  margin: 10px;
  padding: 10px;
  background-color: lightyellow;
}

a {
  min-width: 50px;
  height: 30px;
  line-height: 30px;
  padding: 0 15px;
  background-color: moccasin;
  text-align: center;
}

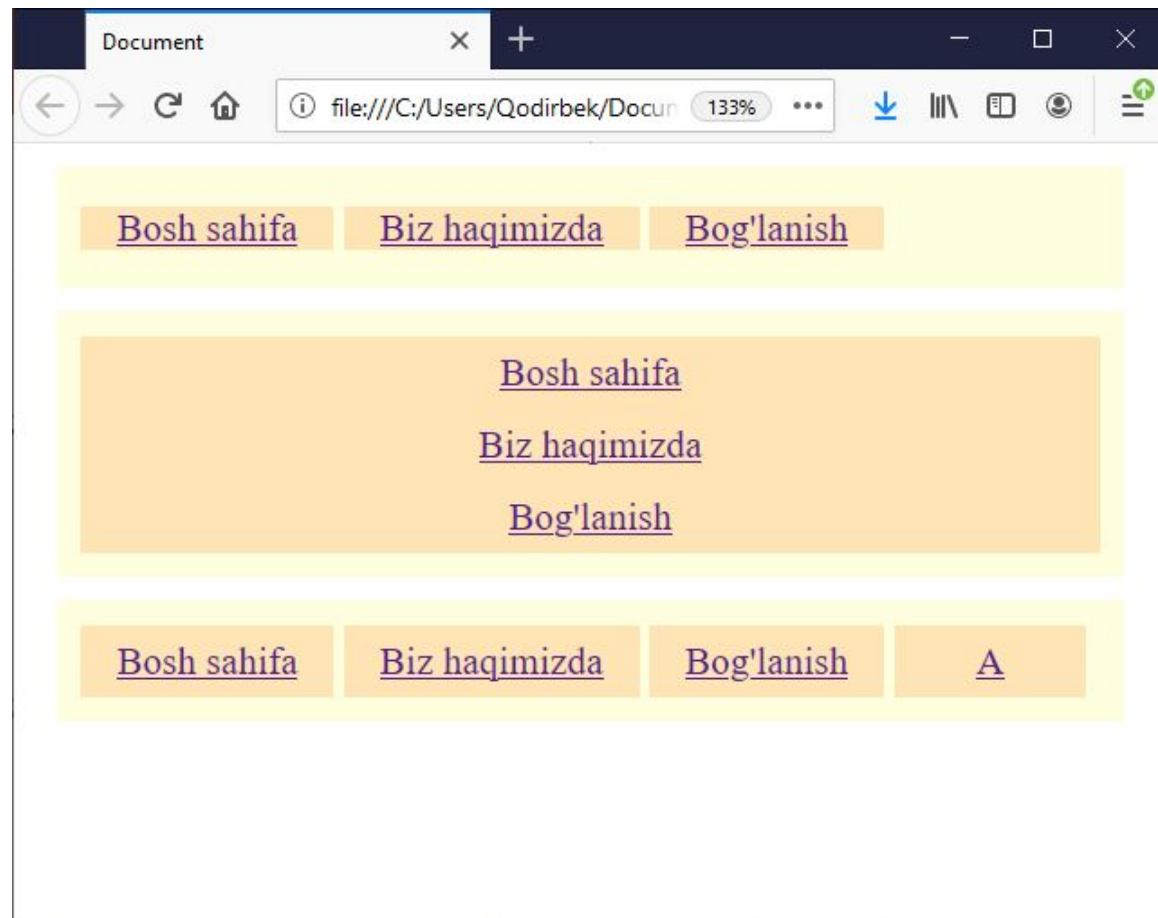
.block a {
  display: block;
}

.inline-block a {
  display: inline-block;
}
```

```
<div>
  <a href="#">Bosh sahifa</a>
  <a href="#">Biz haqimizda</a>
  <a href="#">Bog'lanish</a>
</div>

<div class="block">
  <a href="#">Bosh sahifa</a>
  <a href="#">Biz haqimizda</a>
  <a href="#">Bog'lanish</a>
</div>

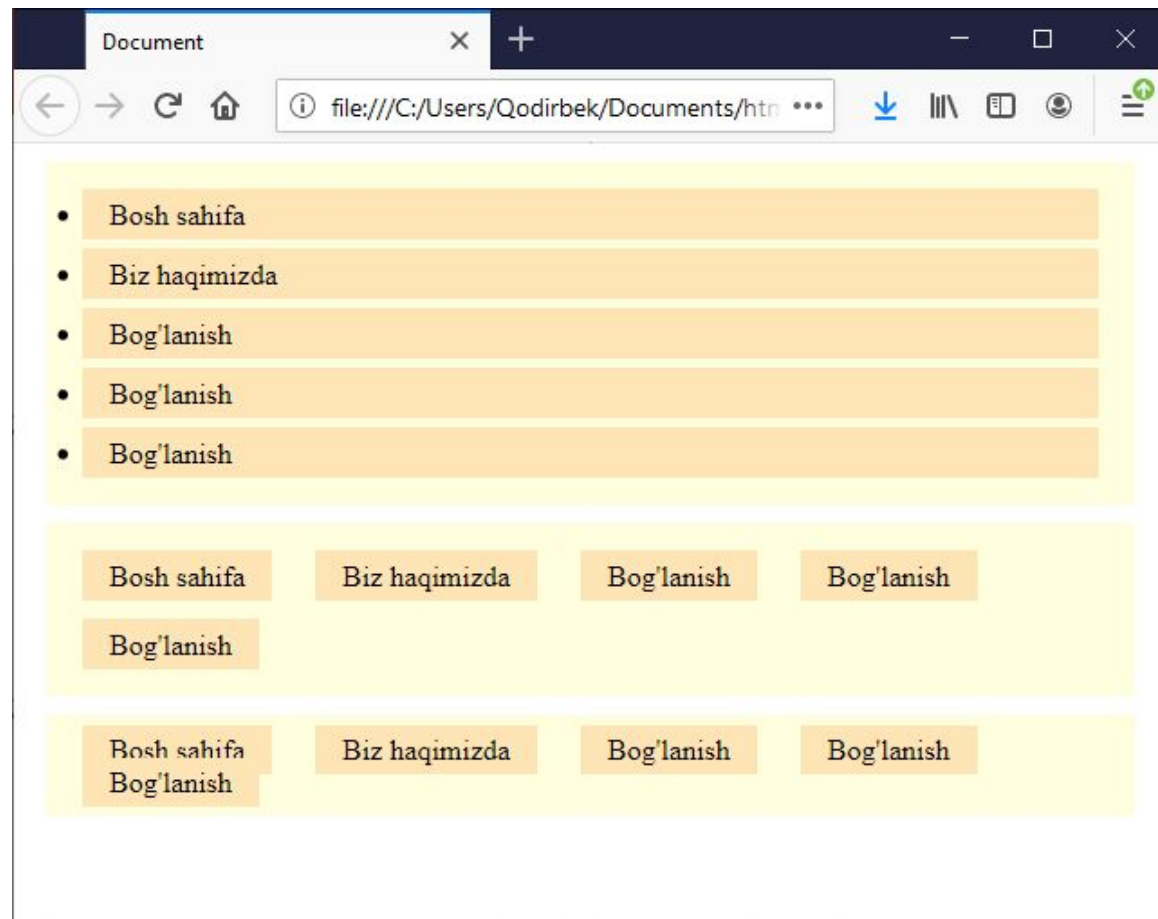
<div class="inline-block">
  <a href="#">Bosh sahifa</a>
  <a href="#">Biz haqimizda</a>
  <a href="#">Bog'lanish</a>
  <a href="#">A</a>
</div>
```



Ko'rinish turlari

```
ul {  
  margin: 10px;  
  padding: 10px;  
  background-color: lightyellow;  
}  
  
ul.initial li {  
  background: moccasin;  
  padding: 5px 15px;  
  margin: 5px 10px;  
}  
  
ul.inline li {  
  display: inline;  
  background: moccasin;  
  padding: 5px 15px;  
  margin: 5px 10px;  
}  
  
ul.inline-block li {  
  display: inline-block;  
  background: moccasin;  
  padding: 5px 15px;  
  margin: 5px 10px;  
}
```

```
<ul class="initial">  
  <li>Bosh sahifa</li>  
  <li>Biz haqimizda</li>  
  <li>Bog'lanish</li>  
  <li>Bog'lanish</li>  
  <li>Bog'lanish</li>  
</ul>  
  
<ul class="inline-block">  
  <li>Bosh sahifa</li>  
  <li>Biz haqimizda</li>  
  <li>Bog'lanish</li>  
  <li>Bog'lanish</li>  
  <li>Bog'lanish</li>  
</ul>  
  
<ul class="inline">  
  <li>Bosh sahifa</li>  
  <li>Biz haqimizda</li>  
  <li>Bog'lanish</li>  
  <li>Bog'lanish</li>  
  <li>Bog'lanish</li>  
</ul>
```



Savollar?
