HTML & CSS

Session # 9

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Topics

Reset CSS or Normalize CSS

Most of the time we use space to select nested elements

Because it supports in all Internet Explorer

However there is great use of '>'

ZenCoding feature in most IDE

Text Editor	IDE
Notepad2	phpDesigner
Notepad++	Visual Studio
Sublime	Aptana Studio

Write Full Specification Path and Hit [Tab]

`div.c2.cx#i2[data-r="r1"][data-rx="r2"]>div.c1#i1>h1.classExample#IdExample`

However there is great use of '>'

ZenCoding Feature

Repeat this item 20 times

Repeating syntax

div.class1#exampleID>ul.navbar>li.liClass#liID*20

You can create multiple Items

ZenCoding Multiple items with *

Class should
have serial number

`div.class1#exampleID>ul.navbar>li.liClass$*20`

You can create multiple Items

ZenCoding $ for serial number and one digit only. 1,2,3,4...20

```
                                                          01
                                                          02
                                                          03
                                                           ↑

div.class1#exampleID>ul.navbar>li.liClass$$*20
```

You can create multiple Items

ZenCoding $$ for 2 digits serial number only. 01,02,03,..20

001
002
003

`div.class1#exampleID>ul.navbar>li.liClass$$$*20`

You can create multiple Items

ZenCoding $$$ for 3 digits serial number only. 001,002,003,...,020

div.class1#exampleID>ul.navbar>li.liClass$$${Content}*20

You can create multiple Items

ZenCoding { for content }

ul>li#i$$*5+li.clx

You can use +

To add different types of items in the same level.

```
ul>li#i$$*5+li.clx$*4+li>ul>li.c2*10
```

You can use +

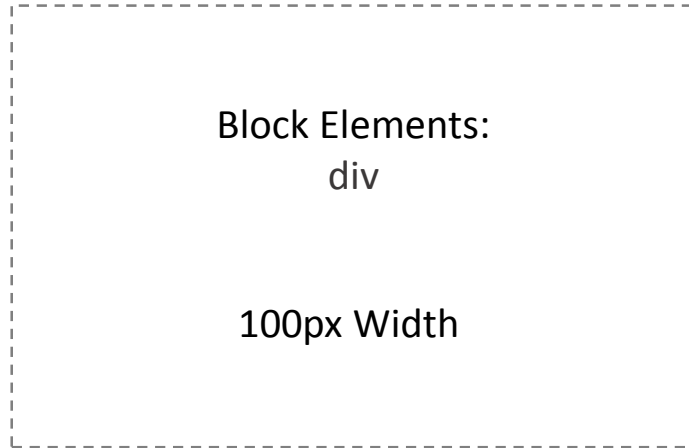To add different types of items in the same level.

Smart CSS Selectors

Use selectors smartly.

Smart CSS Selectors

Find a pattern of your objects
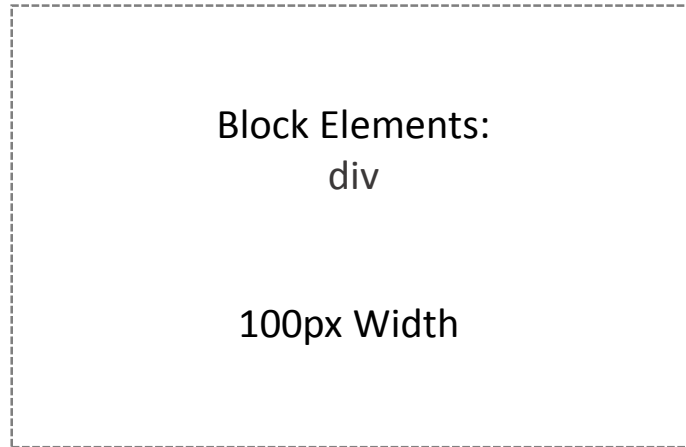
Smart CSS Selectors

Don't write same thing twice.

Block Elements:
div

100px Width

Size	type
px	Solid
em	dotted
%	dashed
pt	double

```css
div {
    border: size type [color];
}
div {
    border: 1px dashed;
}
```

Border

http://www.w3schools.com/css/css_border.asp

Block Elements:
div

100px Width

Size	type
px	Solid
em	dotted
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pt	double

```
div {
    border: size type [color];
}
div {
    border: 1px dotted;
}
```

Border

http://www.w3schools.com/css/css_border.asp

Block Elements: div 100px Width	

Size	type
px	Solid
em	dotted
%	dashed
pt	double

```
div {
    border: size type [color];
}
div {
    border: 1px dotted red;
}
```

Border

http://www.w3schools.com/css/css_border.asp
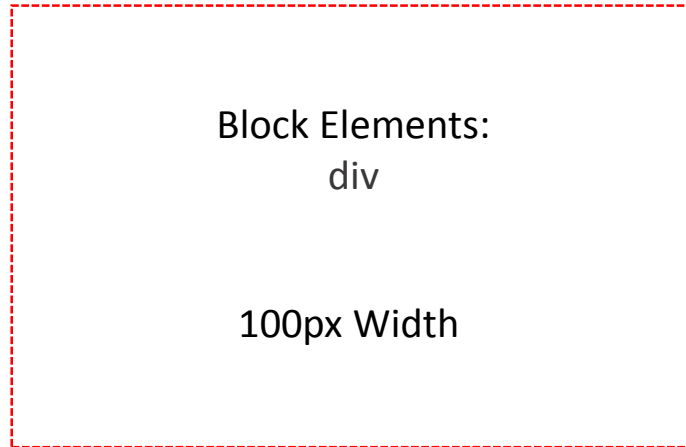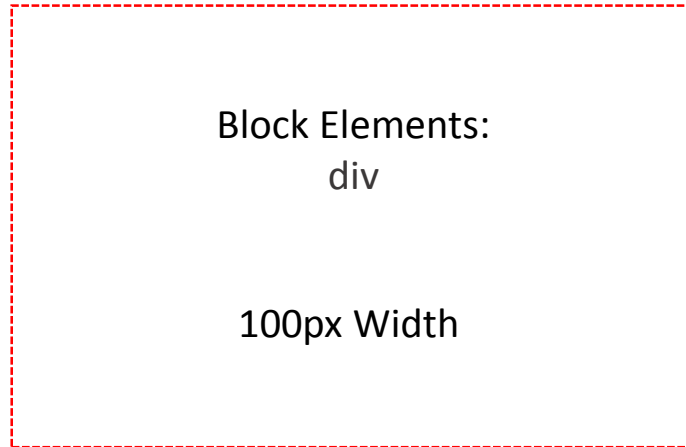
```
Block Elements:
div


100px Width
```

Size	type
px	Solid
em	dotted
%	dashed
pt	double
in	
mm	

```css
div {
    border: size type [color];
}
div {
    border: 1px dotted red;
}
```

Border

http://www.w3schools.com/css/css_border.asp

http://www.w3schools.com/cssref/css_units.asp

```
Block Elements:
div


100px Width
```

Size	type
px	**Solid**
em	dotted
%	**dashed**
pt	double
in	
mm	

```css
div {
    border: size type [color];
}
div {
    border: 1px dotted red;
}
```

Border

http://www.w3schools.com/css/css_border.asp

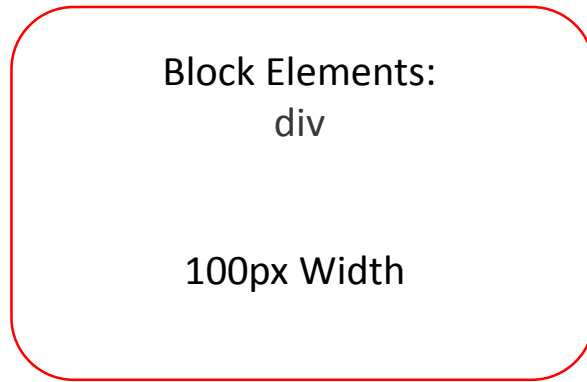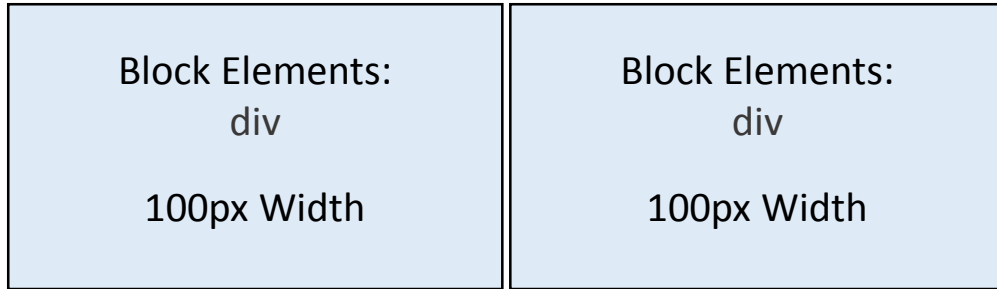http://www.w3schools.com/cssref/css_units.asp

Block Elements:
div

100px Width

```css
div {
    border: size type [color];
}

div {
    border: 1px solid red;
    border-radius: 25px;
}
```

Border Radius (CSS3)

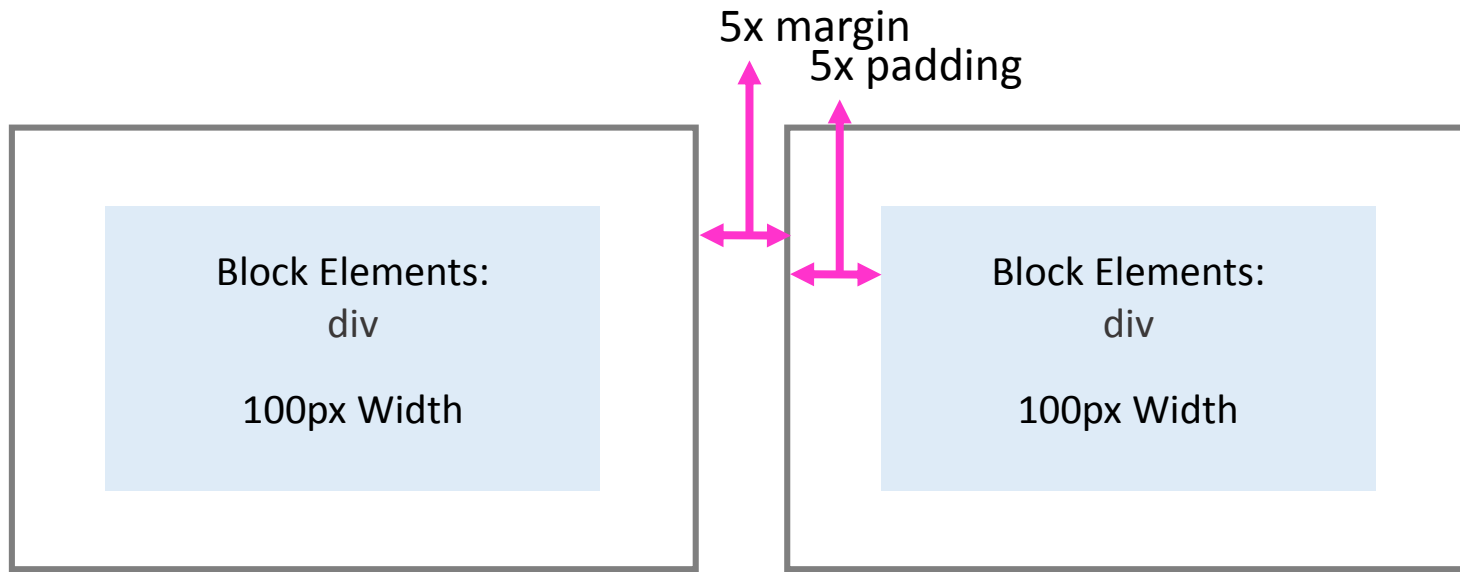http://www.w3schools.com/cssref/css3_pr_border-radius.asp

Block Elements:
div

100px Width

Block Elements:
div

100px Width

```css
div {
    width: 100px;
    background-color:blue;
    float:left;
}
```

Margin and Padding

5x padding

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's
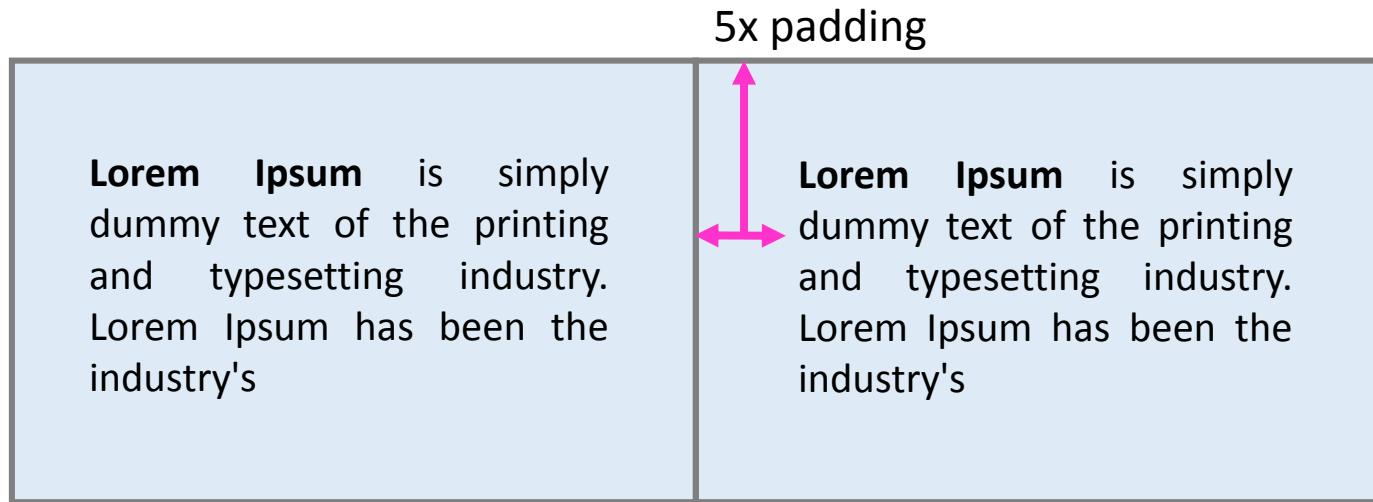
```css
div {
    width: 100px;
    background-color:blue;
    float:left;
}

div {
    padding: 5px;
}
```

Margin and Padding

5x margin
5x padding

Block Elements:
div

100px Width

Block Elements:
div

100px Width

```css
div {
    width: 100px;
    background-color:blue;
    float:left;
}

div {
    padding: 5px;
    margin: 5px;
}
```

Margin and Padding
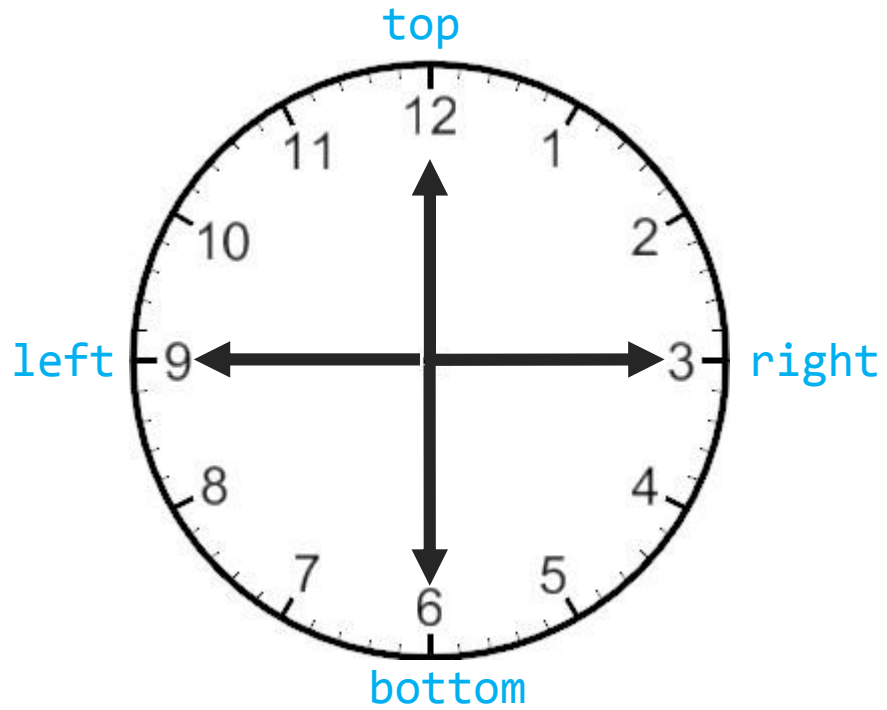
```
div {
    padding: top right bottom left;
    margin: top right bottom left;
}
alternative {
    padding-top: 5px;
    margin-top: 5px;
    margin-right: 5px;
          ...
}
```

Margin and Padding

Let's see some coding!

Only **margin** can be negative and thus more powerful than padding.

Margin vs. Padding

Only margin can be negative.

Center elements in the page

There are many ways to do it.

Float

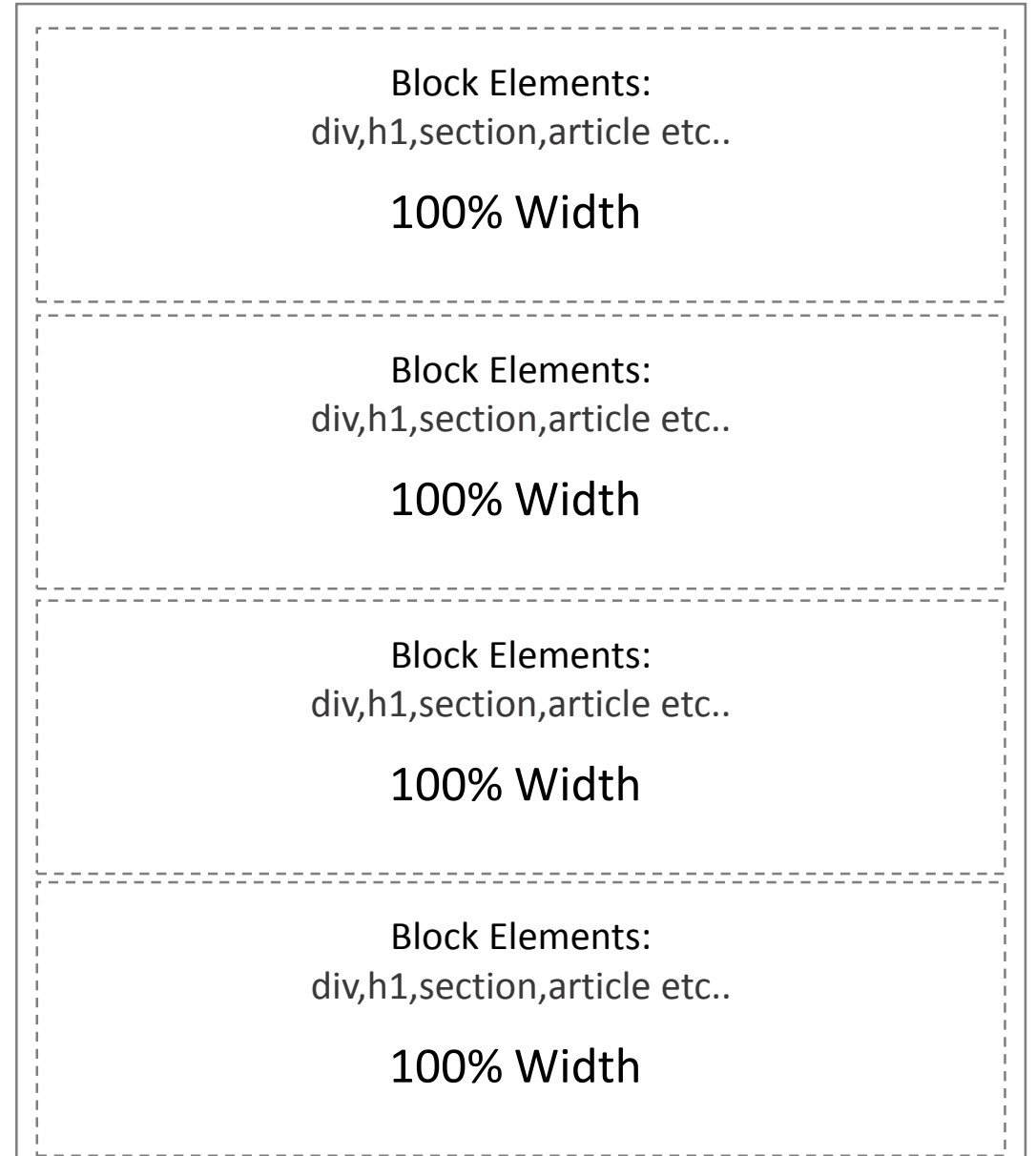Change way that block elements laid out in the page.

You can only use either left or right float.

Without Float

Float: Change way that block elements laid out in the page.

float:none;

By default block elements

Block Elements:
div,h1,section,article etc..

100% Width

Block Elements:
div,h1,section,article etc..

100% Width

Block Elements:
div,h1,section,article etc..

100% Width

Block Elements:
div,h1,section,article etc..

100% Width

By default block elements giving width

```css
div {
    width: 100px;
}
```

Without Float

Float: Change way that block elements laid out in the page.

float:none;

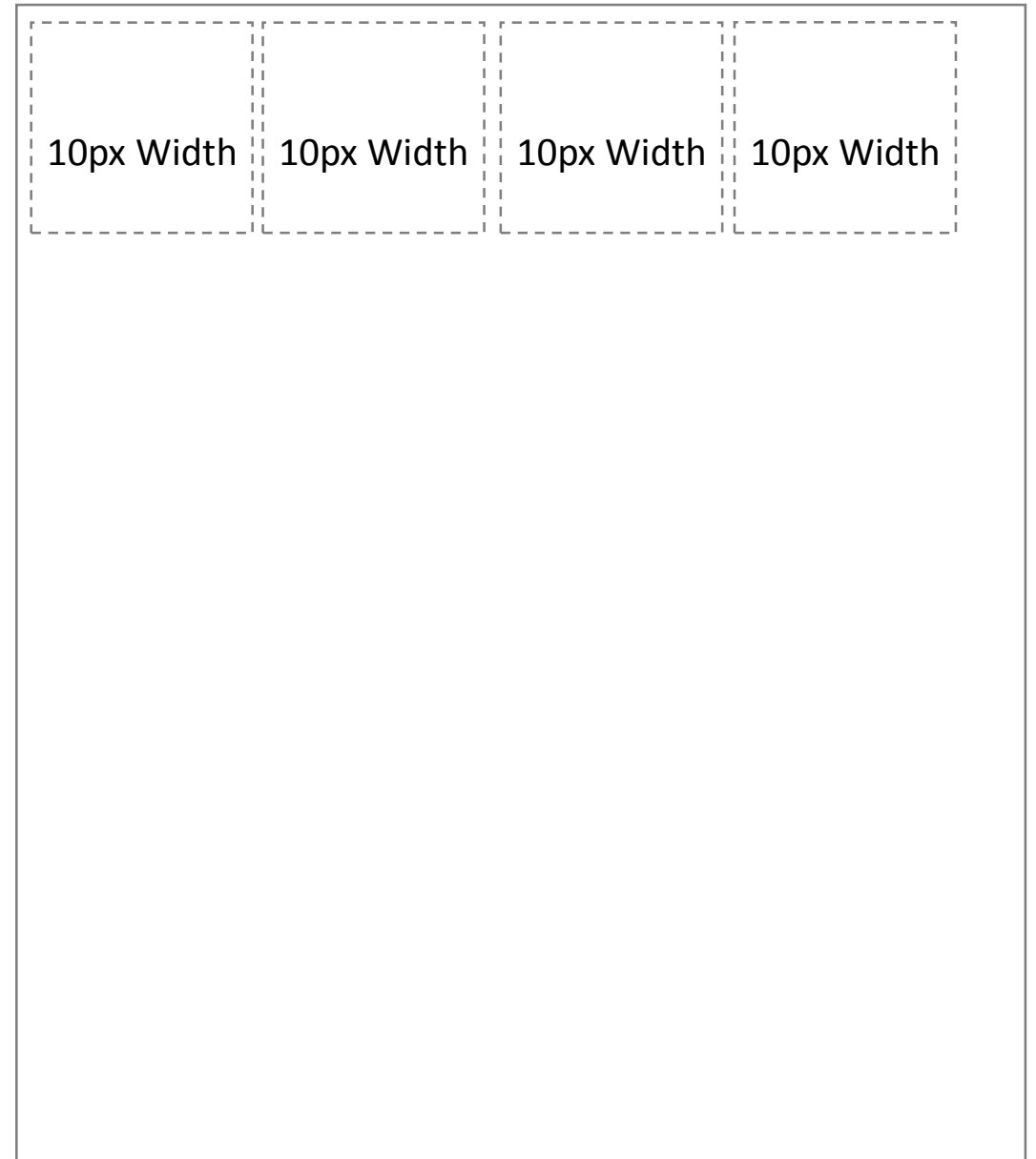| Block Elements: div |
|---|
| 100px Width |

Block Elements: div
100px Width

Block Elements: div
100px Width

Block Elements: div
100px Width
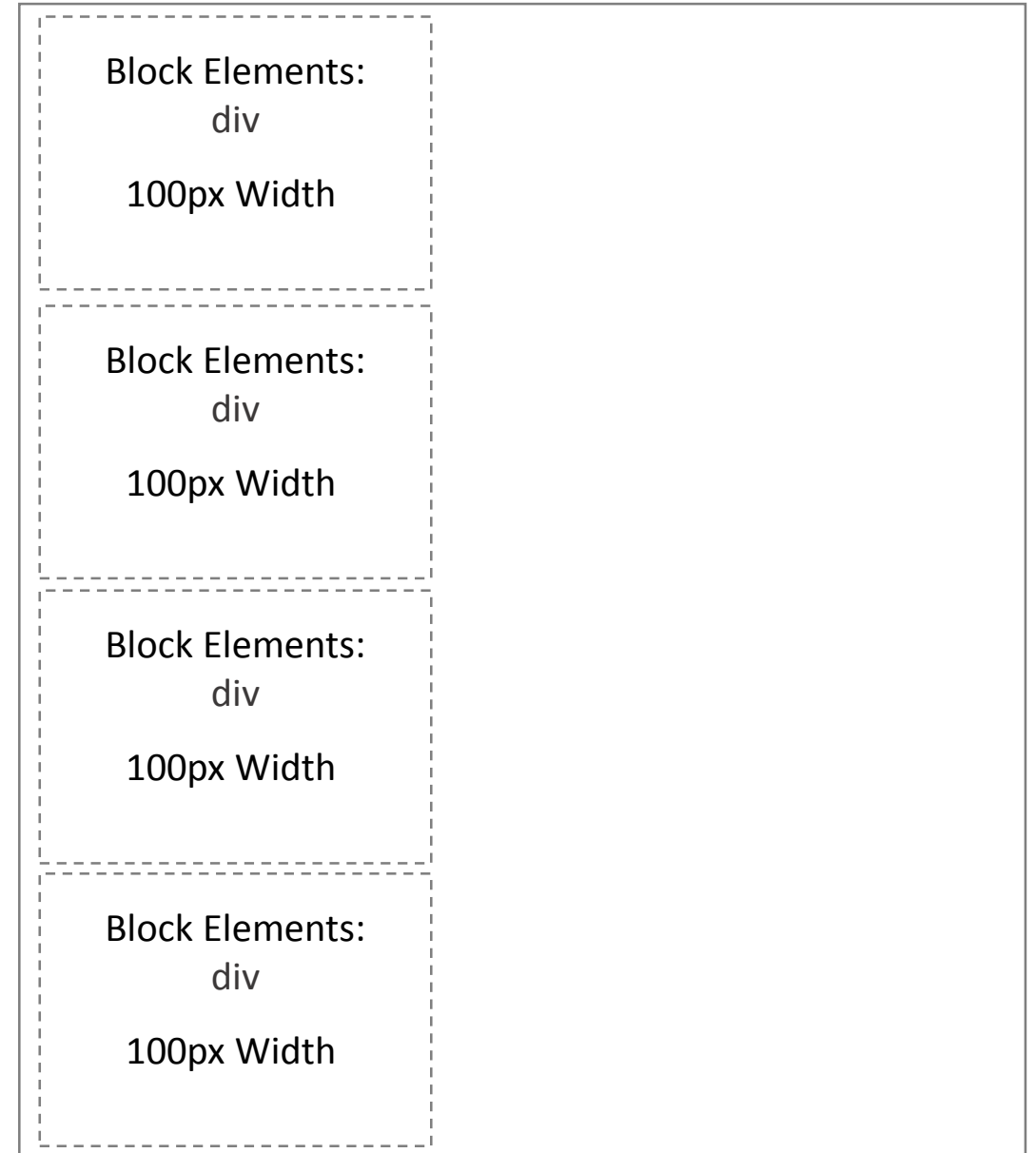
```
div {
    width: 10px;
    float: left;
}
```

With Float

Float: Change way that block elements laid out in the page.

| 10px Width | 10px Width | 10px Width | 10px Width |

```
div {
    width: 100px;
    float: left;
}
```

With Float

Float: Change way that block elements laid out in the page.

Block Elements: div

100px Width

Block Elements: div

100px Width

Block Elements: div

100px Width

Block Elements: div

100px Width

```
div {
    width: 100px;
    float: right;
}
```

With Float

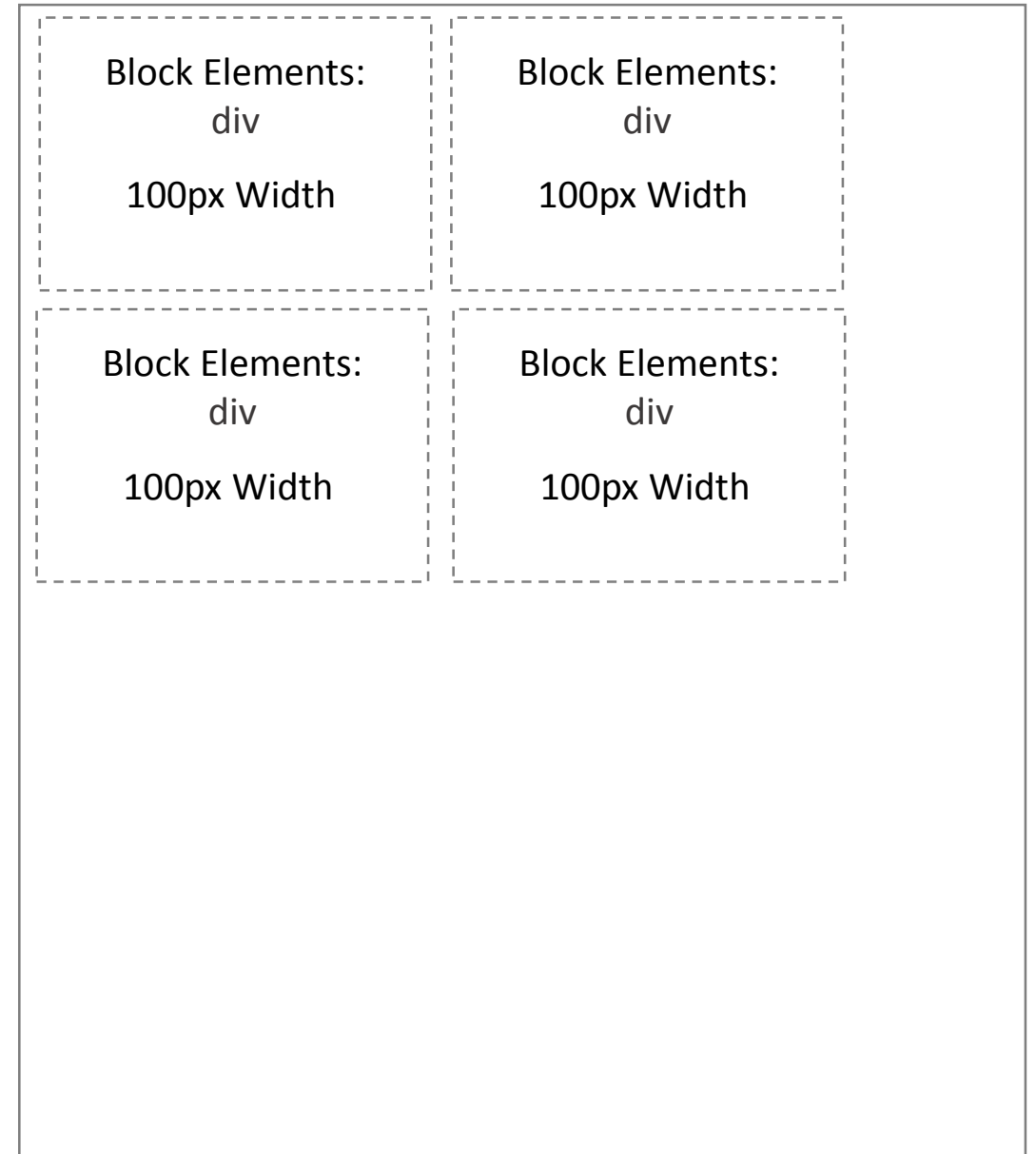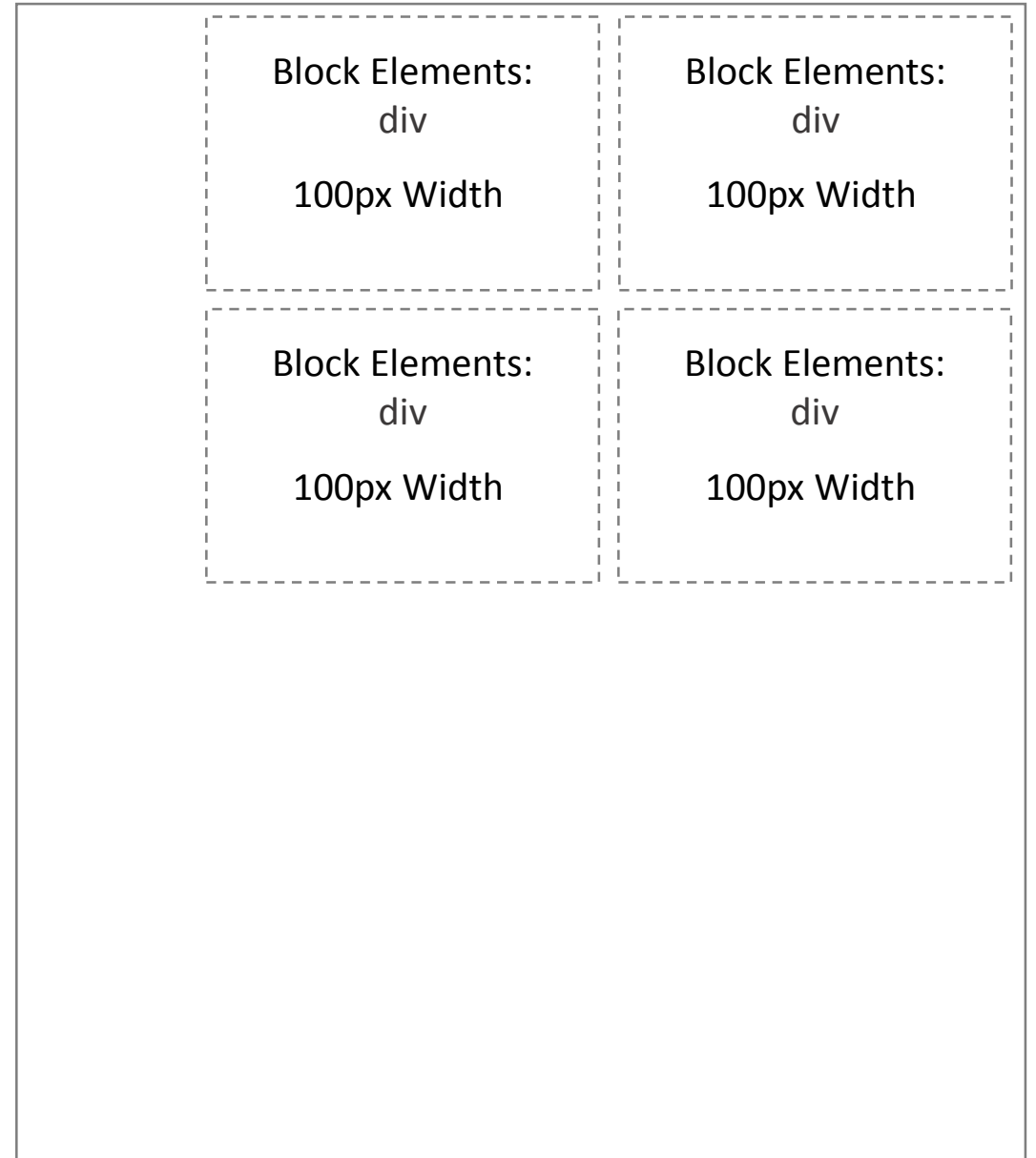Float: Change way that block elements laid out in the page.

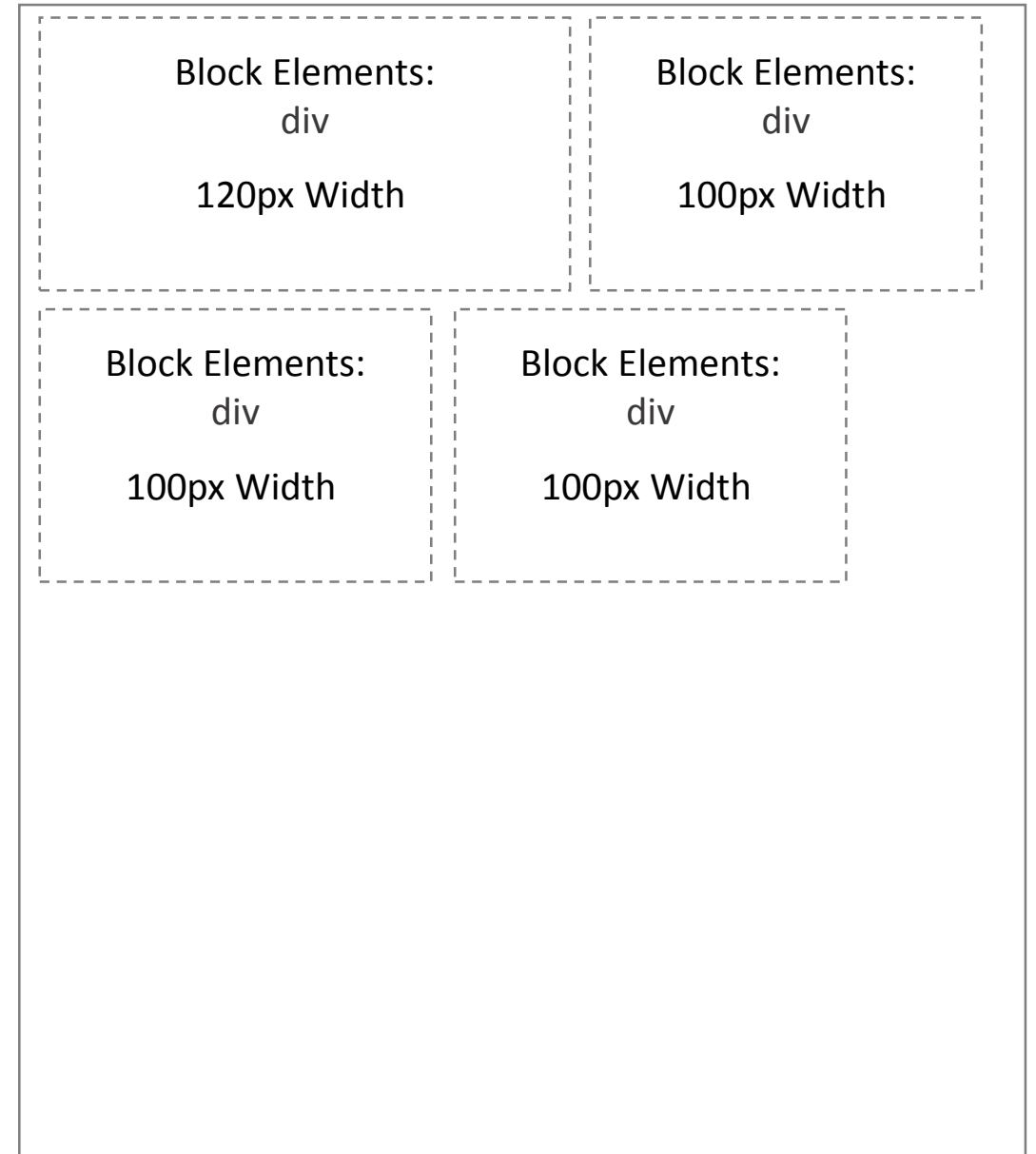|	
Block Elements: div 100px Width	Block Elements: div 100px Width
Block Elements: div 100px Width	Block Elements: div 100px Width

```
div {
    width: 100px;
    float: left;
}

div:first-child {
    width: 120px;
}
```

With Float

Float: Change way that block elements laid out in the page.

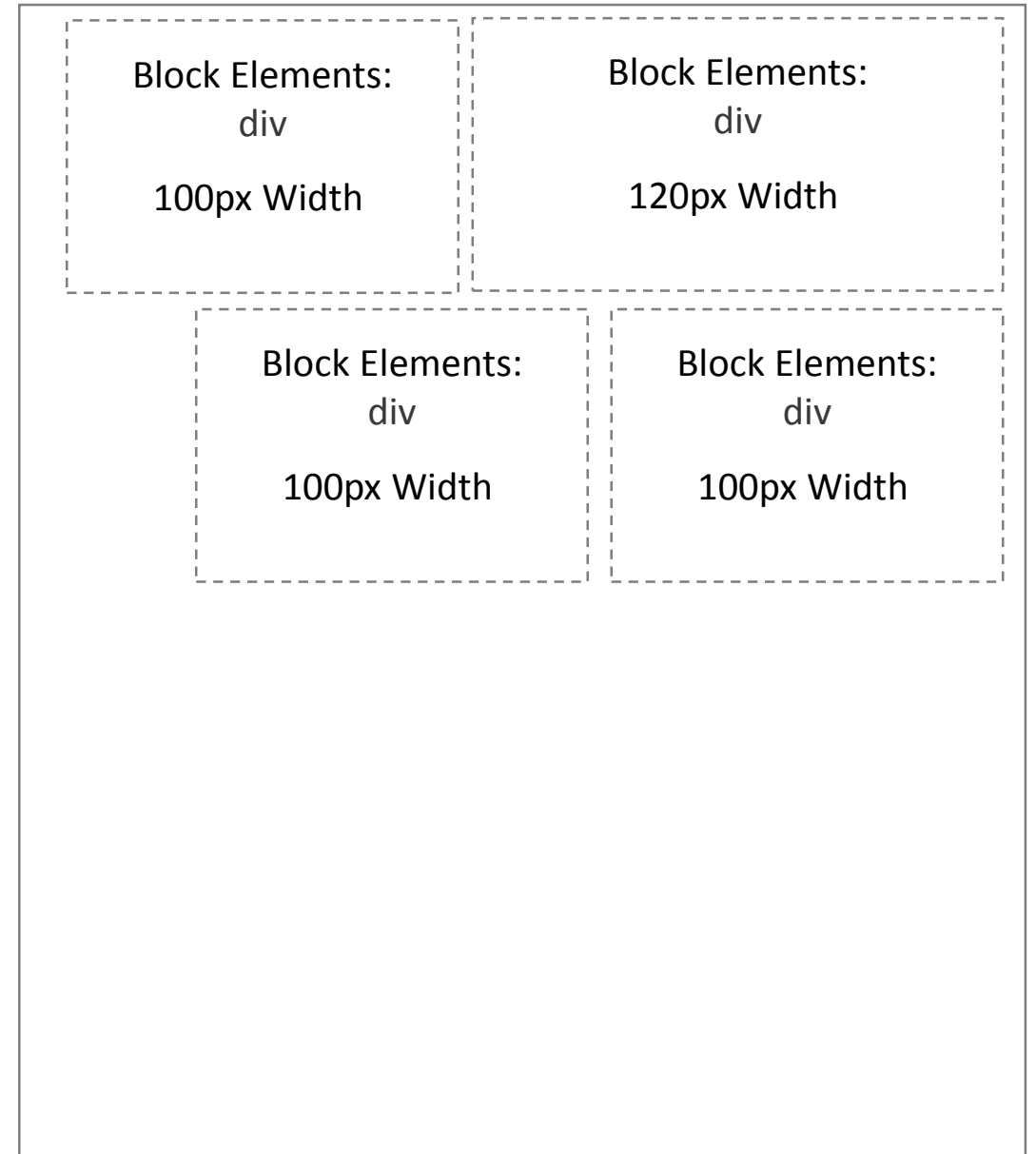| Block Elements: div	Block Elements: div
120px Width	100px Width
Block Elements: div	Block Elements: div
100px Width	100px Width

```css
div {
    width: 100px;
    float: right;
}

div:first-child {
    width: 120px;
}
```

With Float

Float: Change way that block elements laid out in the page.

Block Elements:
div

100px Width

Block Elements:
div

120px Width

Block Elements:
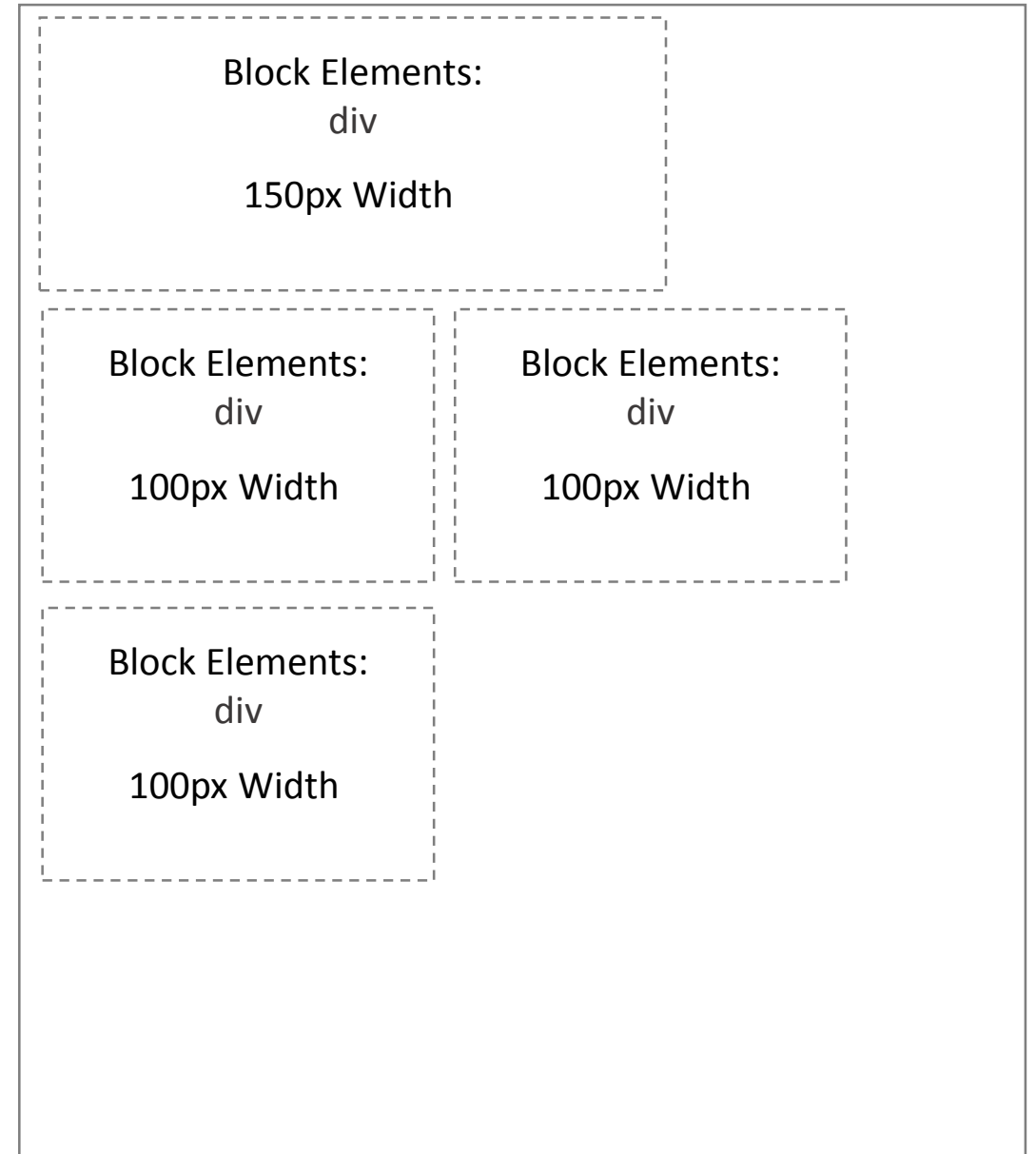div

100px Width

Block Elements:
div

100px Width

```
div {
    width: 100px;
    float: left;
}

div:first-child {
    width: 150px;
}
```

With Float

Float: Change way that block elements laid out in the page.

Block Elements:
div

150px Width

Block Elements:
div

100px Width

Block Elements:
div
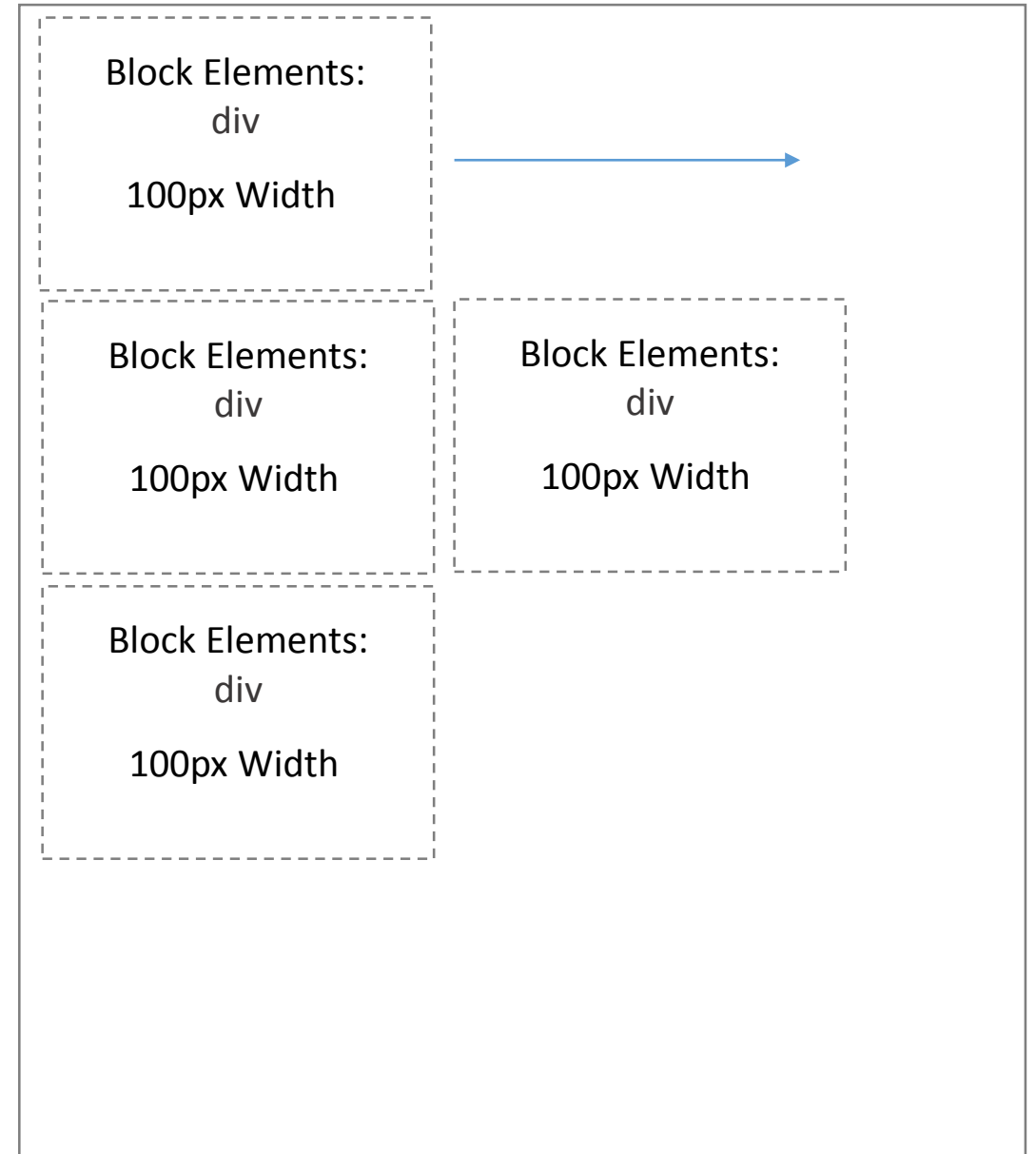
100px Width

Block Elements:
div

100px Width

```
div {
    width: 100px;
    float: left;
}

div:first-child {
    clear: left;
}
```

With Clear

Float: Change way that block elements laid out in the page.

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width
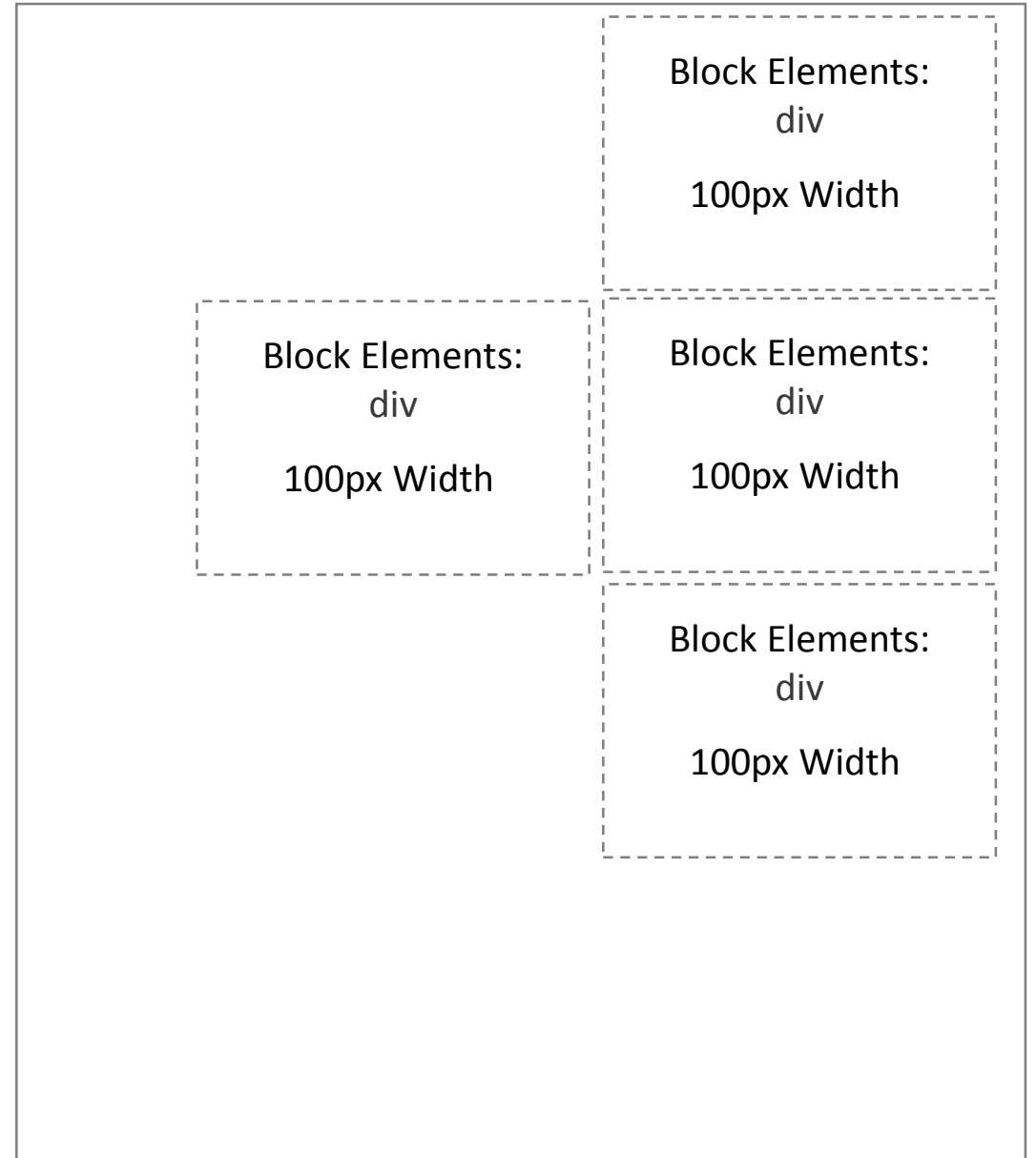
Block Elements:
div

100px Width

```
div {
    width: 100px;
    float: right;
}

div:first-child {
    clear: both;
}
```

With Float + Clear

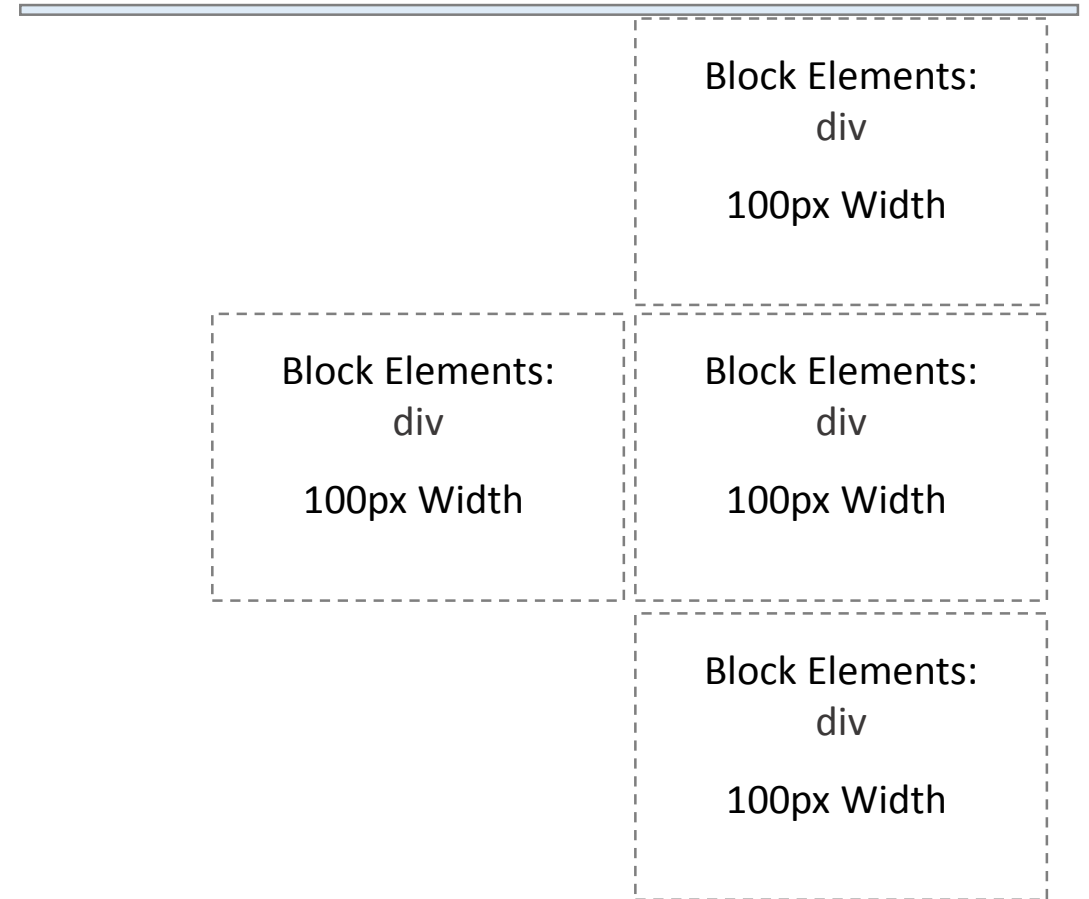Float: Change way that block elements laid out in the page.

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

```css
div {
    width: 100px;
    float: right;
}

div:first-child {
    clear: both;
}
```

Problem

Background doesn't show up as it should be.

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width
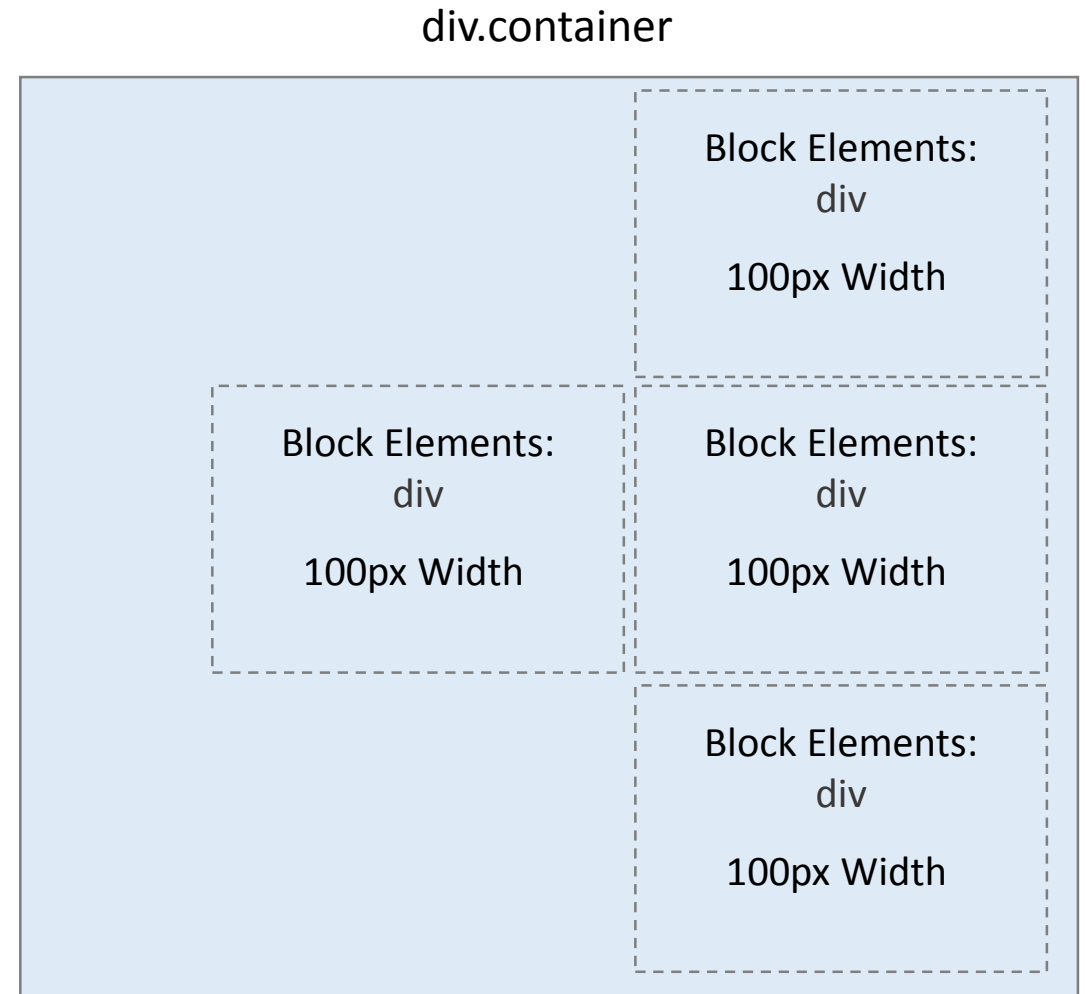
Block Elements:
div

100px Width

```css
div {
    width: 100px;
    float: right;
}
div:first-child {
    clear: both;
}
div.container {
    Height: Exact;
    Width: Exact;
}
```
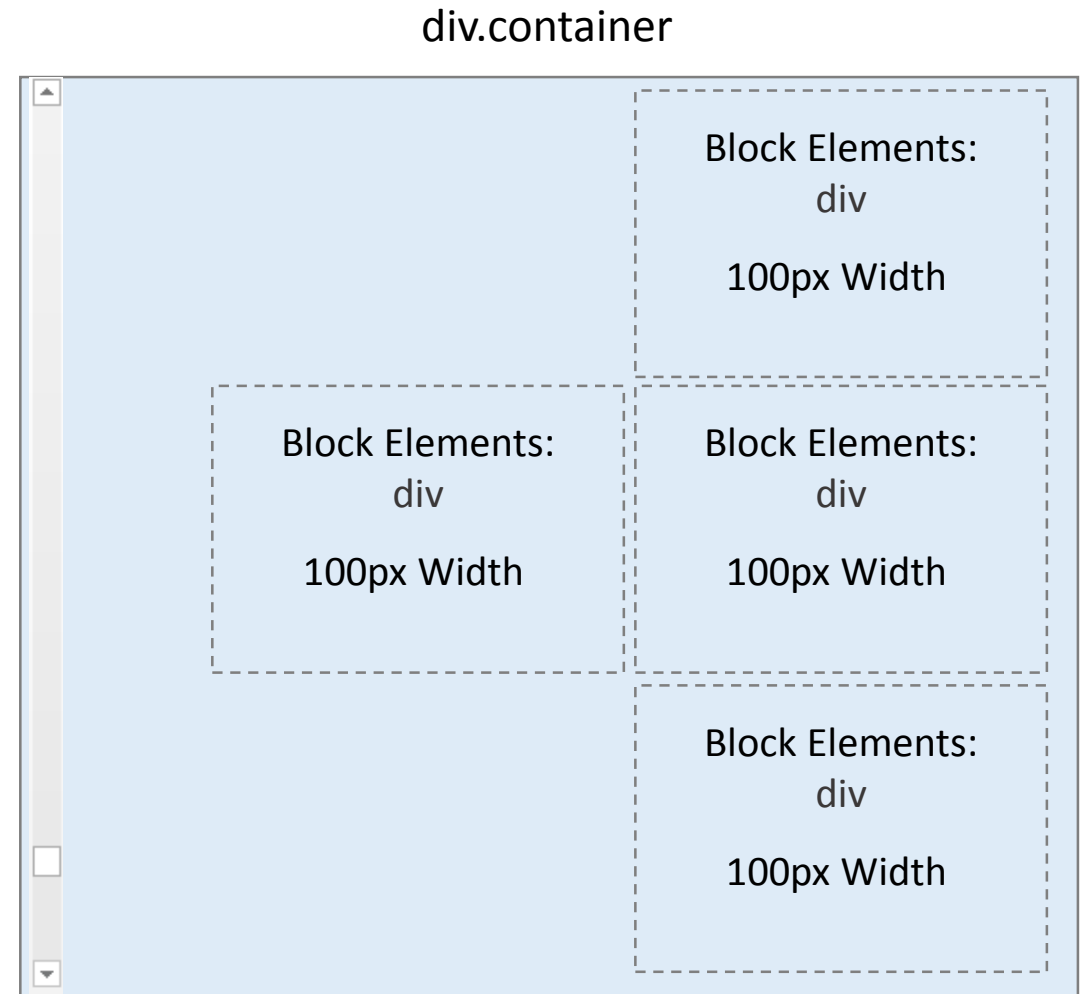
Solution #1

Use exact height and width.

div.container

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

```css
div {
    width: 100px;
    float: right;
}
div:first-child {
    clear: both;
}
div.container {
    overflow: auto;
}
```

Solution #2
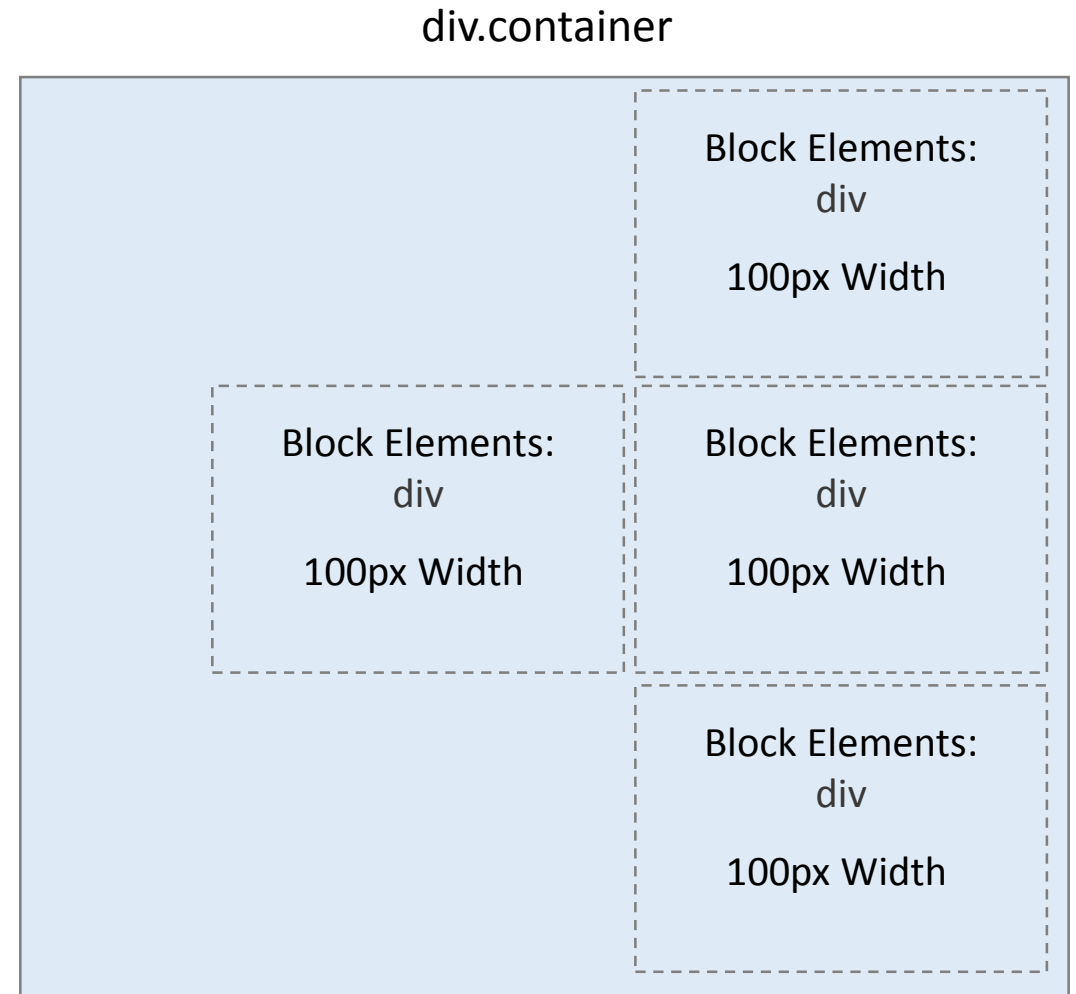
Use container overflow to auto.

div.container

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

```
div {
    width: 100px;
    float: right;
}
div:first-child {
    clear: both;
}
div.container {
    overflow: hidden;
}
```

Solution #3

Best one and recommended.

It also works in **IE6**

div.container

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Block Elements:
div

100px Width

Keep things inline without float

Use Display: inline-block;

Display:inline-block;

Is better than float

Questions or Feedback?

Thank you for watching

Instructor

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