

- Positioning Elements -

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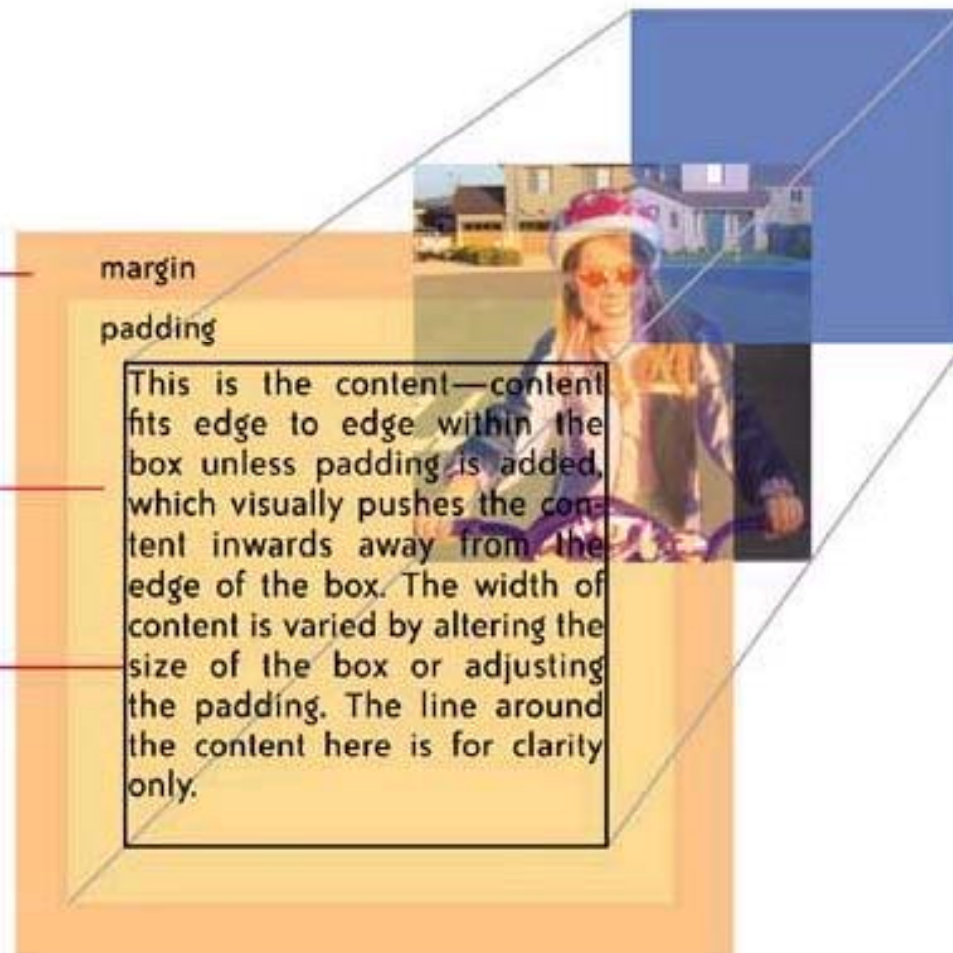
Positioning Elements

Learn about how the box model works and why it's important to understand

Find out how CSS margins enable you to create space around elements

Learn how to use padding to position content within elements

Discover how to style borders



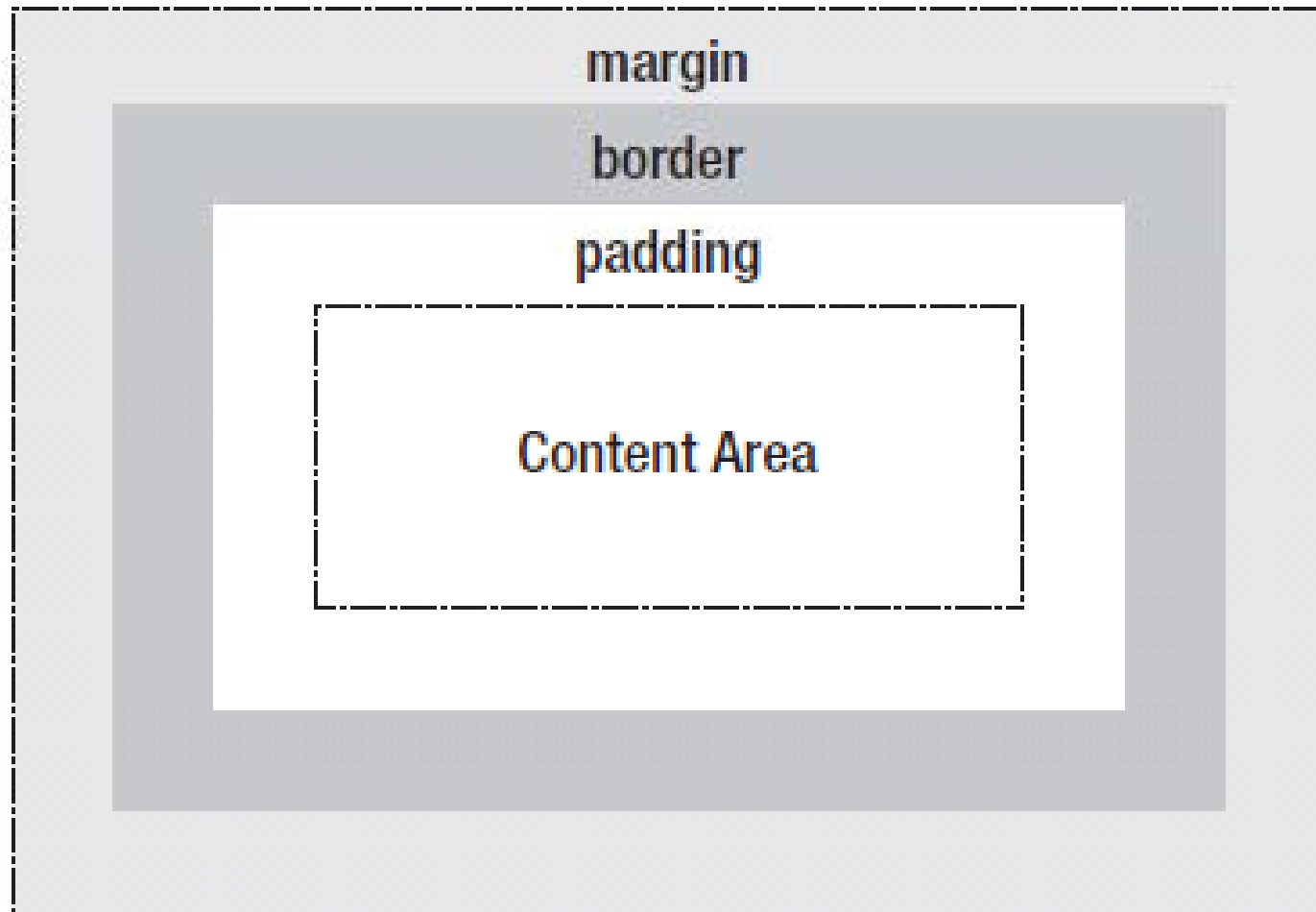
Positioning Elements

- Ada tiga macam konsep CSS yang penting untuk dimengerti yaitu floating, positioning, dan box model.
- Untuk mengatur bagaimana elemen diatur dan ditampilkan dalam page

Box Model

- Box model menjelaskan bagaimana element akan ditampilkan dan bagaimana element tersebut berinteraksi satu dengan yang lain
- Setiap element dalam halaman mempunyai bentuk rectangular box (kotak) yang terdiri dari:
 - Element Content
 - Padding
 - Border
 - Margin

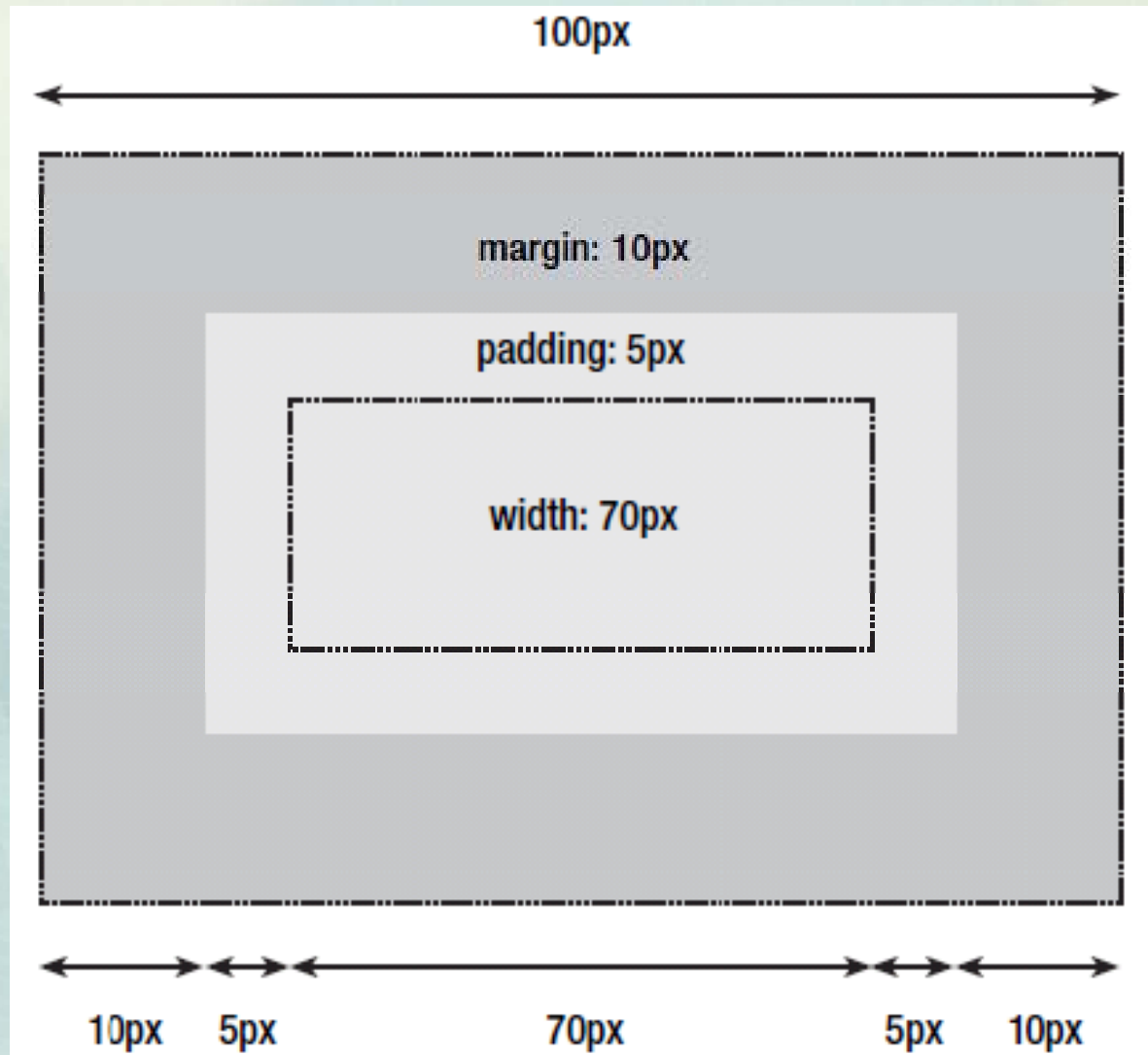
Box Model



Box Model

```
#myBox {  
  margin: 10px;  
  padding: 5px;  
  width: 70px;  
}
```

Box Model

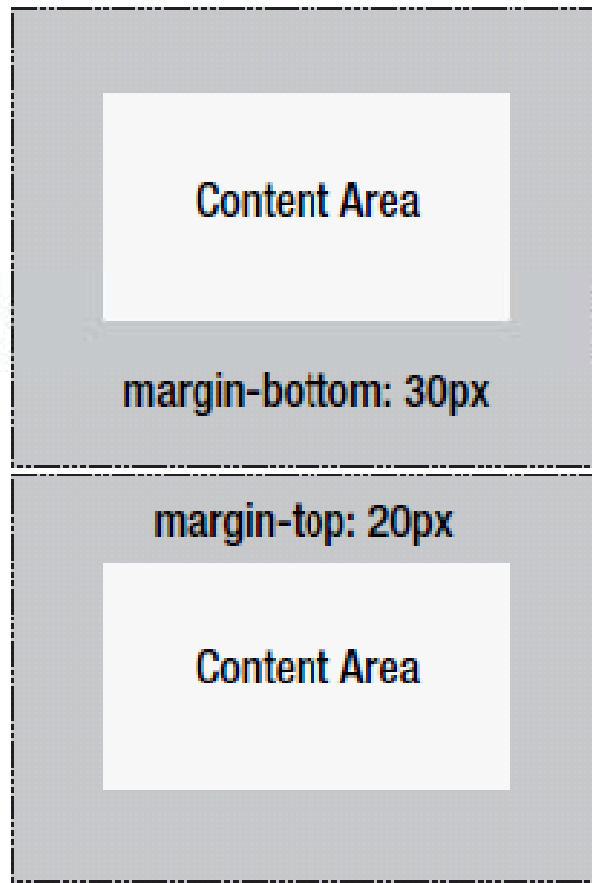


Margin Collapsing

- Jika ada dua atau lebih vertical margin bertemu akan digabungkan menjadi satu margin saja
- Tinggi dari margin tersebut akan sama dengan margin yang **height**-nya paling besar dari kedua margin tersebut
- Jika ada element yang mengandung element yang lain maka margin yang atas dan yang bawah akan dijadikan satu margin

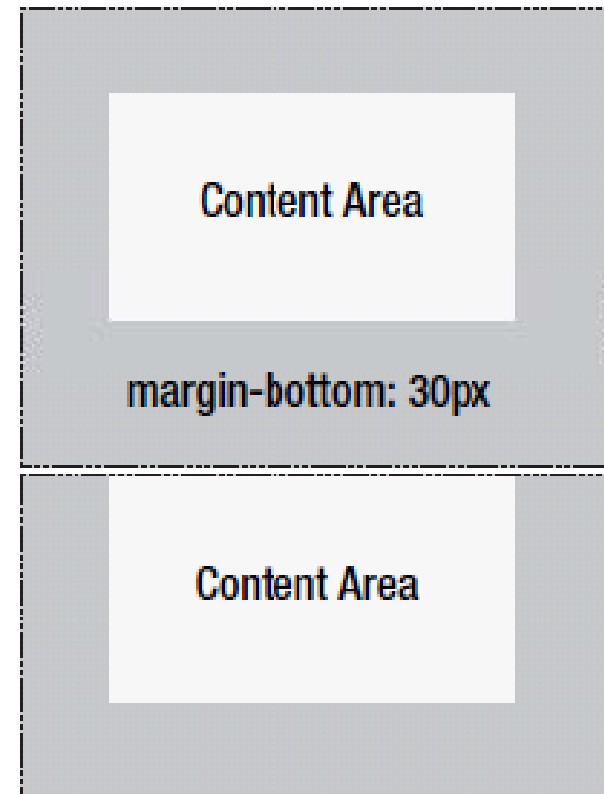
Margin Collapsing

Before



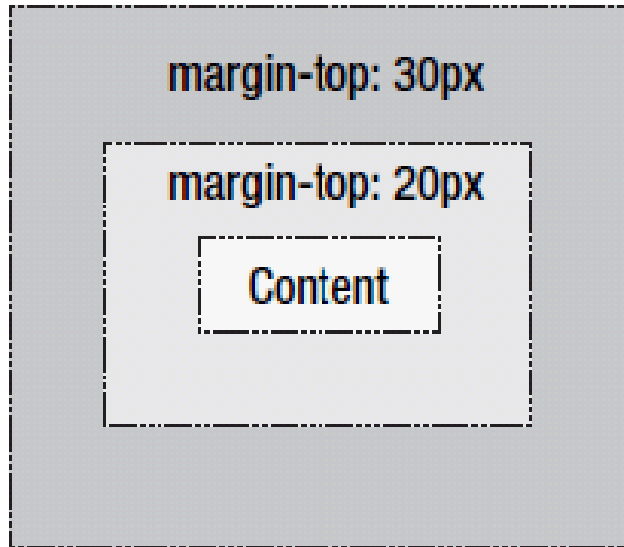
} Margins collapse to form a single margin.

After



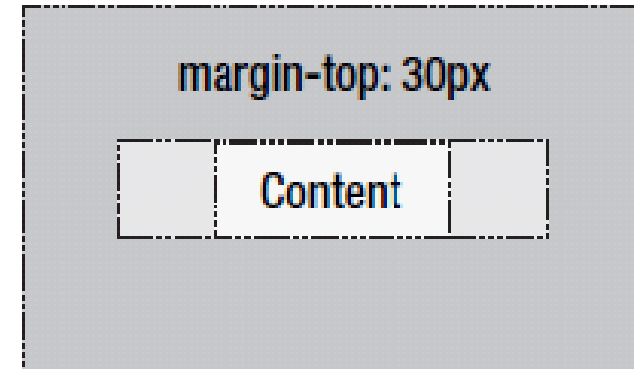
Margin Collapsing

Before



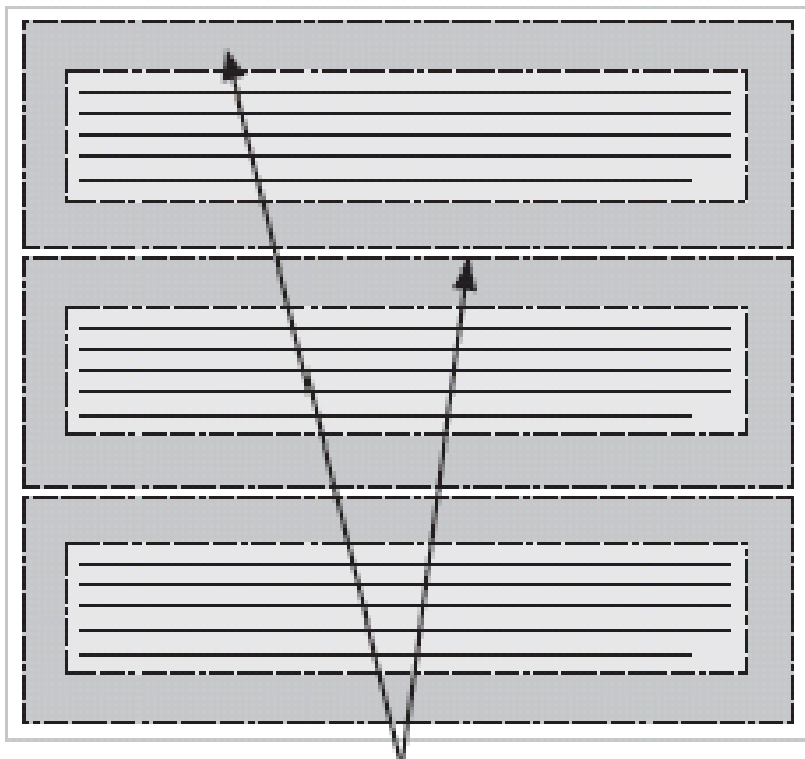
Margins collapse to form a single margin.

After



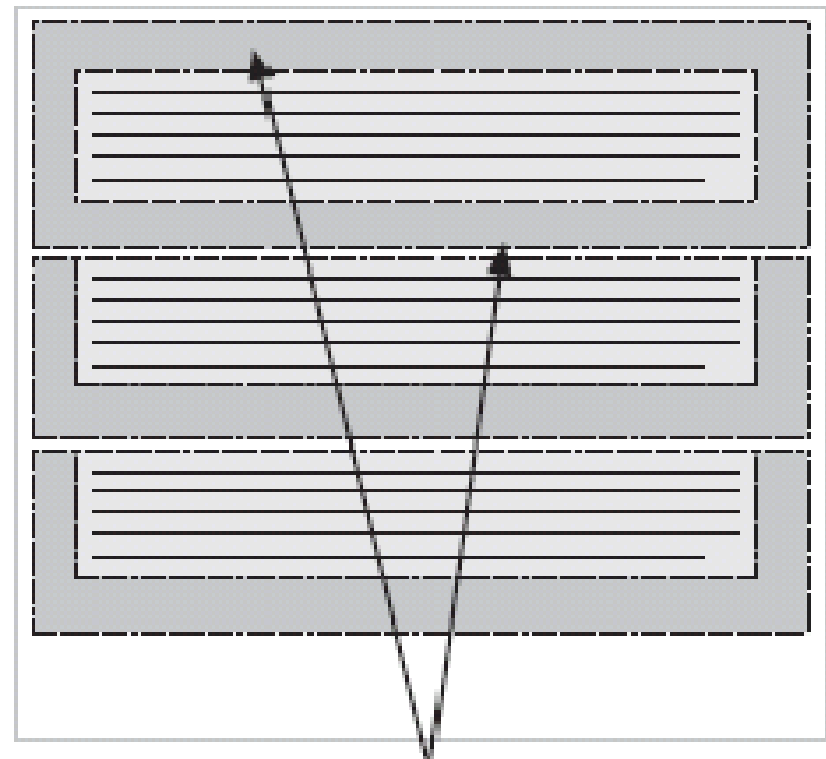
Margin Collapsing

Without Margin Collapsing



The space between paragraphs is double the space at the top

With Margin Collapsing



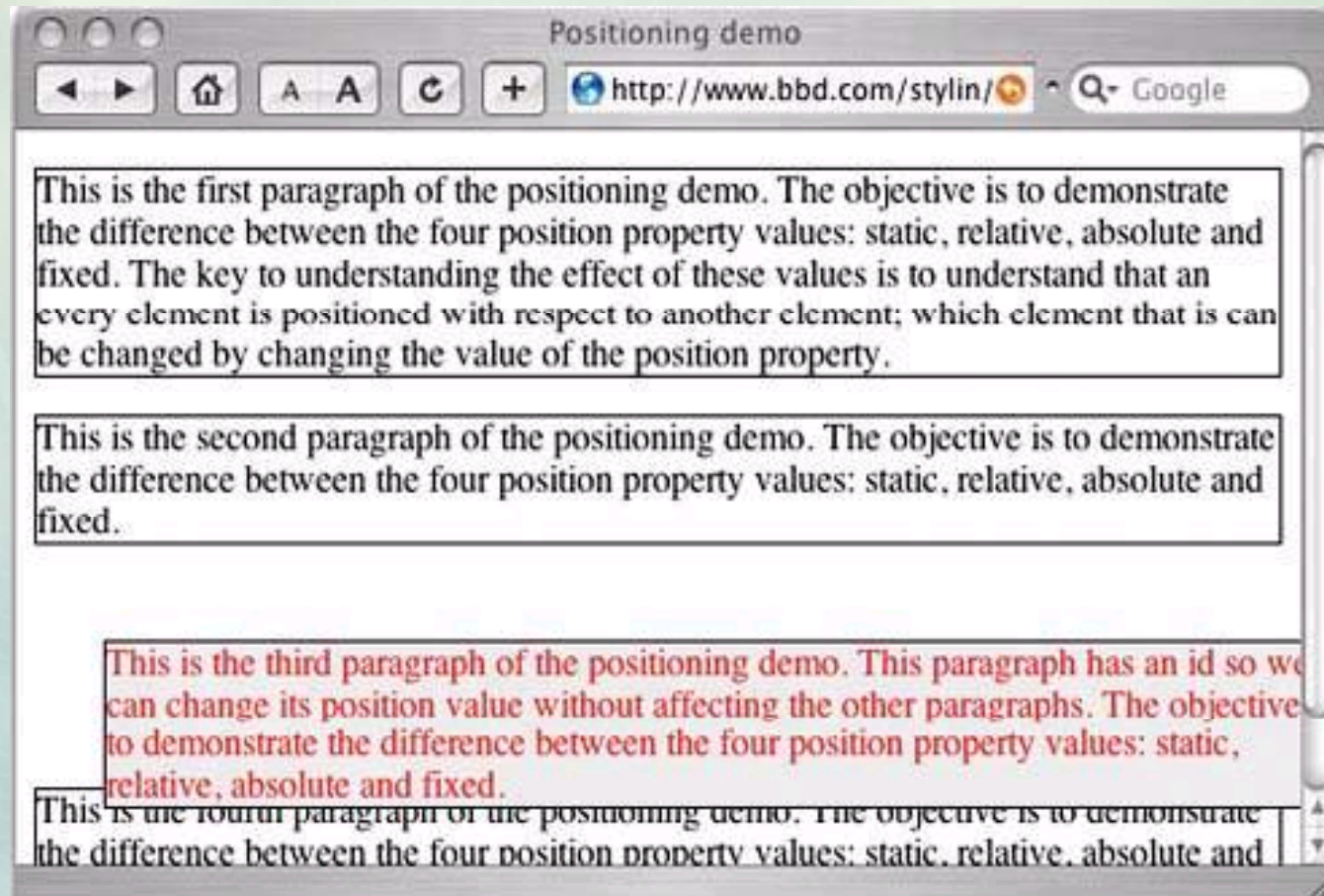
The space between paragraphs is the same as the space at the top

Positioning Property

- Static Positioning
- Relative Positioning
- Absolute Positioning
- Fixed Positioning

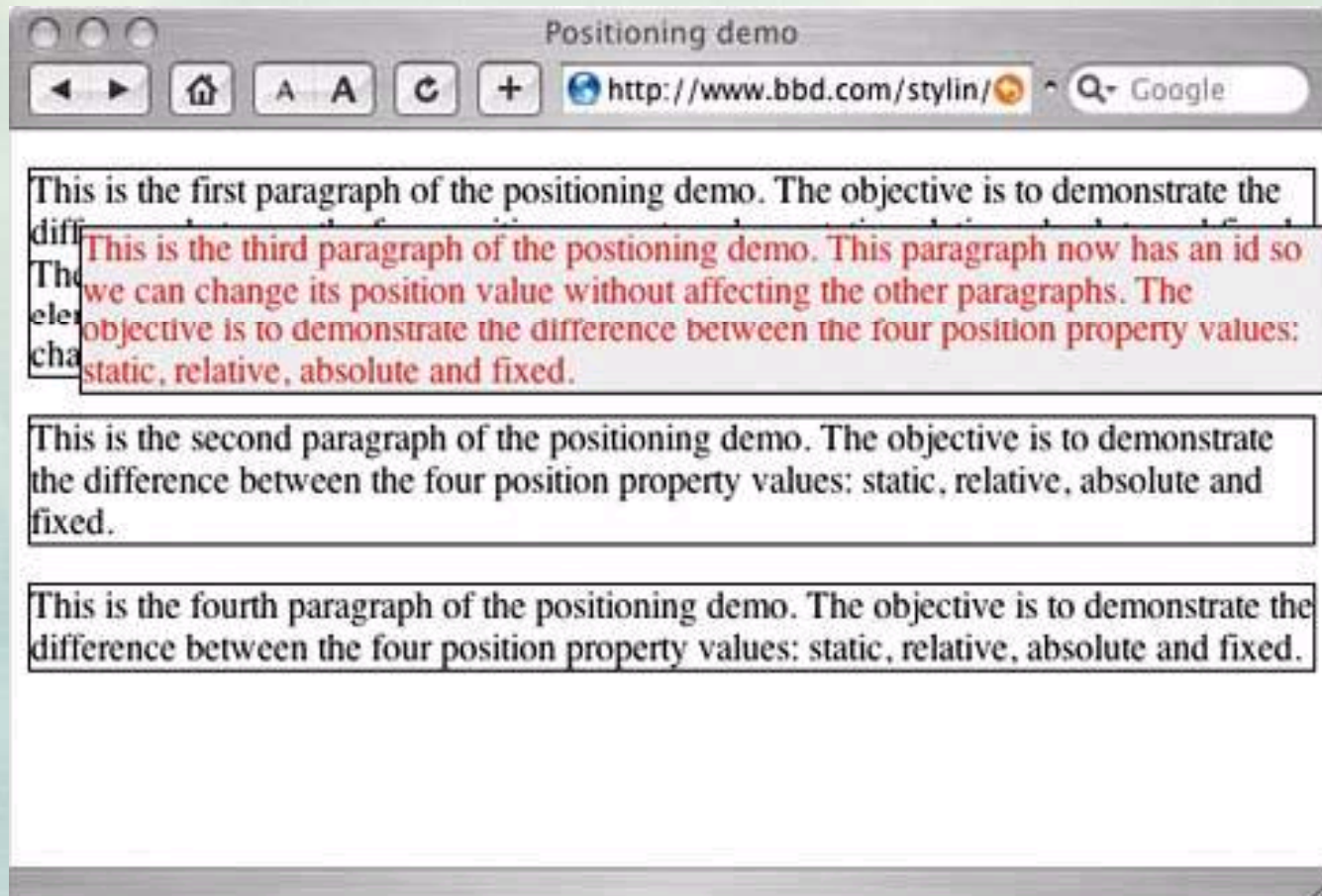
Relative Positioning

- Memindahkan element dari posisi default-nya, relative terhadap element lain



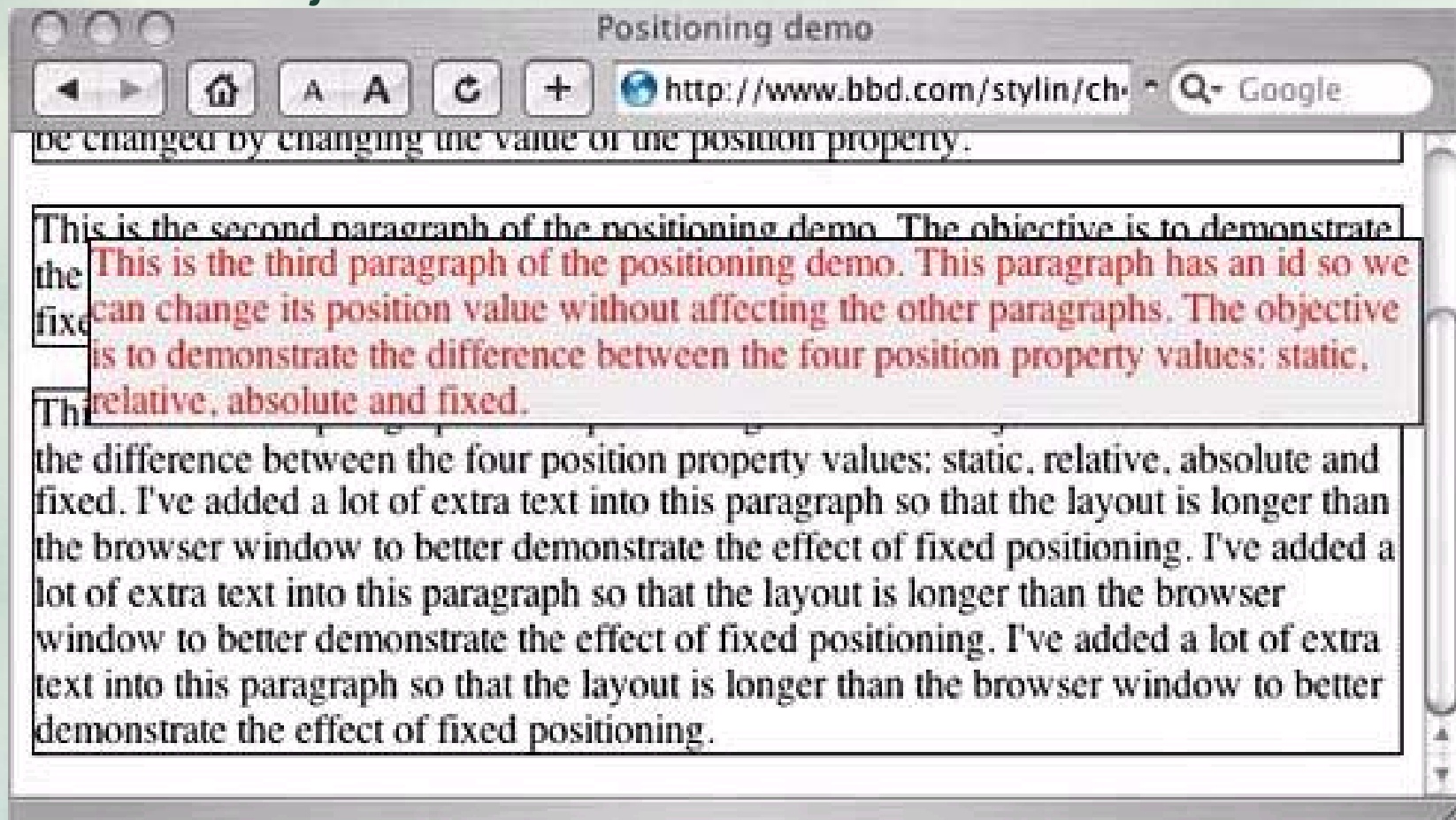
Absolute Positioning

- Memindahkan element dari posisi default-nya terhadap dokumen



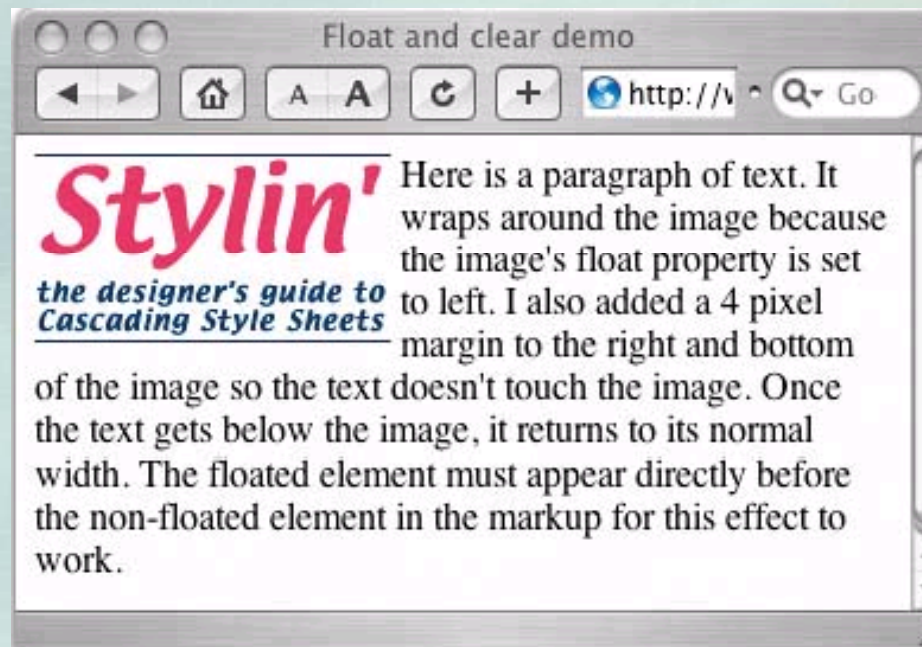
Fixed Positioning

- Sama dengan absolut hanya saja posisinya ikut berubah jika halaman di-scroll



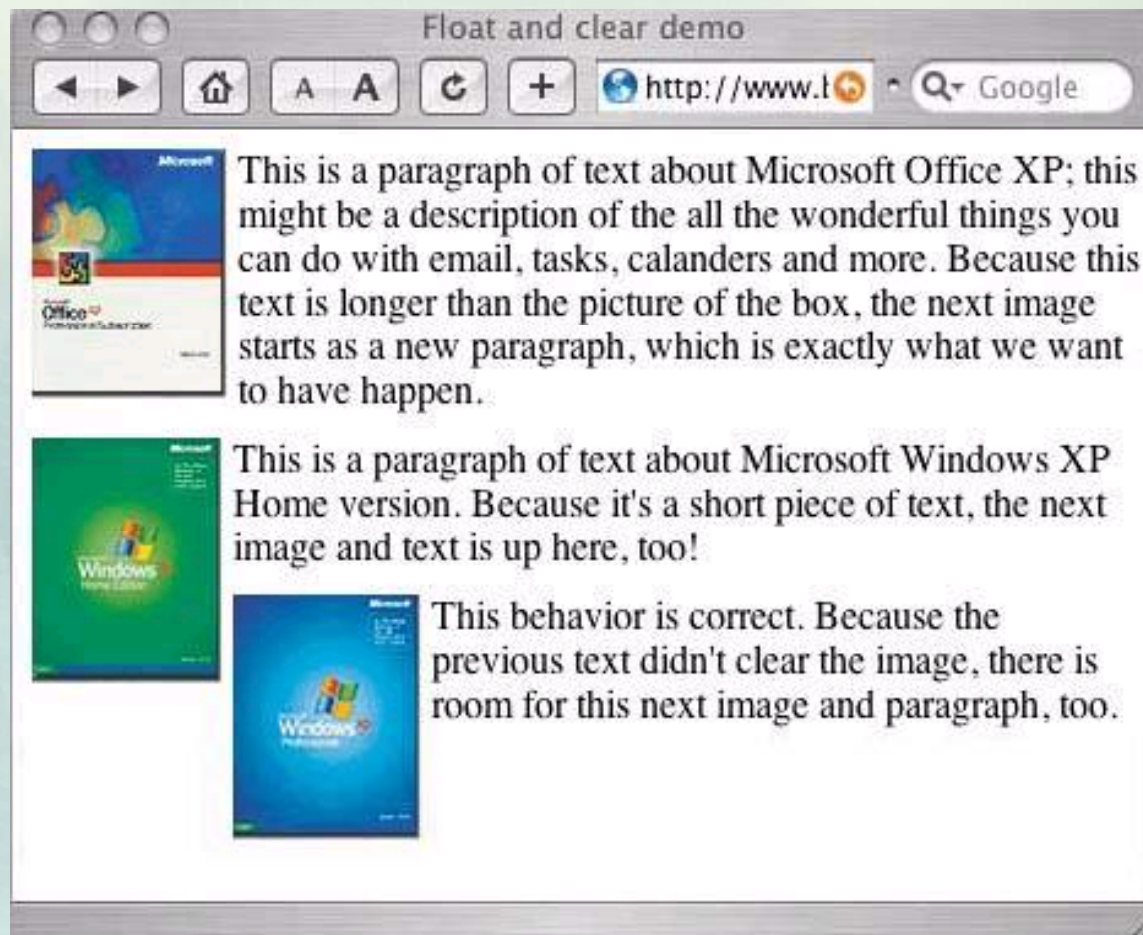
Float Property

- Floating adalah dynamic relative positioning
- Dapat digunakan untuk menambahkan kolom di samping image
- Dapat digunakan untuk membuat multicolumn layout



Clear Property

- Untuk menghilangkan pengaruh dari float property

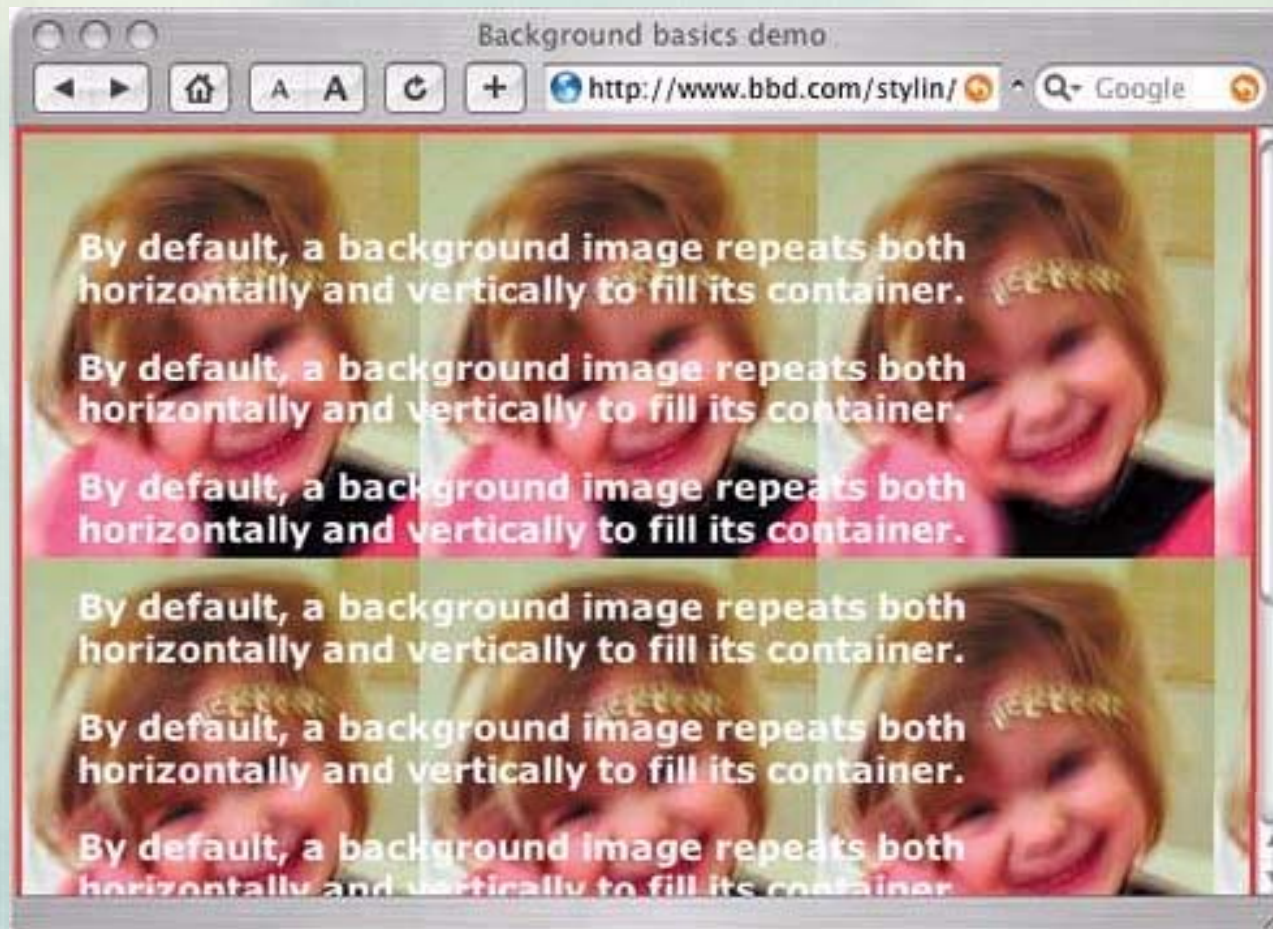


Basic Page Layout

- Contoh pembuatan Dua Kolom Layout
- Contoh pembuatan Tiga Kolom Layout
- Contoh pembuatan Tiga Kolom Layout dengan Header
- Contoh pembuatan Tiga Kolom Layout dengan Float dan Clear

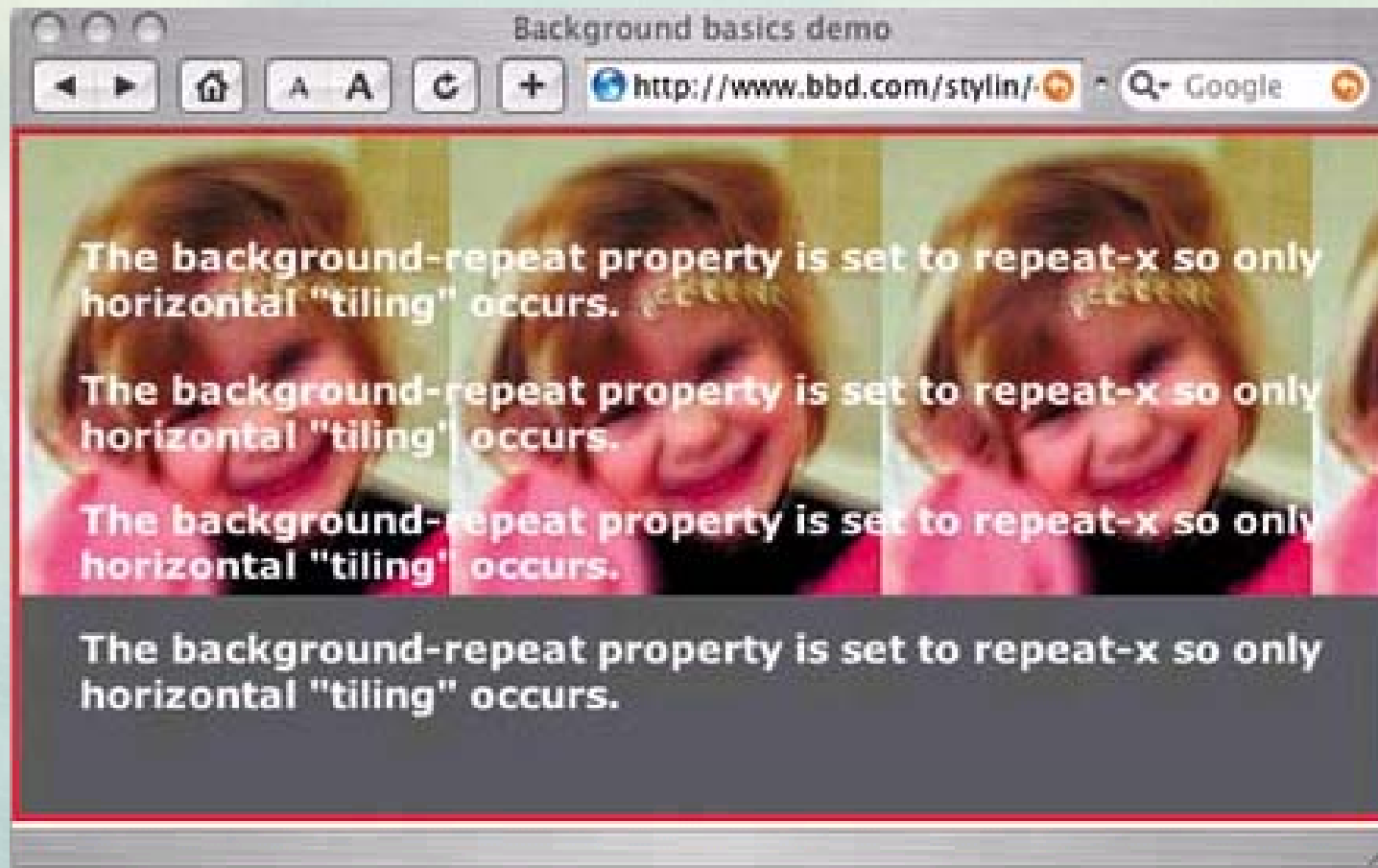
Advanced Page Layout

- Contoh Pembuatan Tiled Background Image



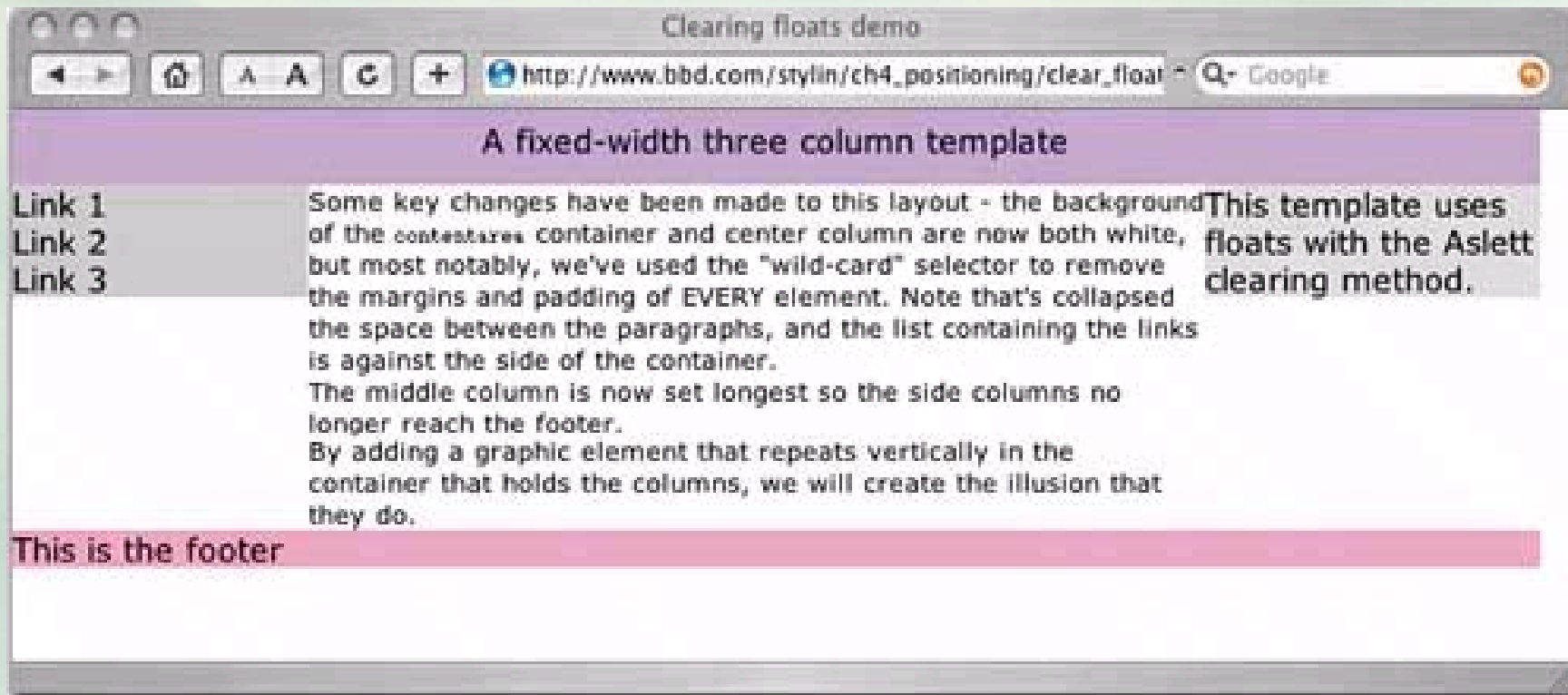
Advanced Page Layout

- Contoh Pembuatan Tiled Background Image



Advanced Page Layout

- Building Full-Length Column
- Menggunakan Faux-Column Technique



Advanced Page Layout

Clearing floats demo

http://www.bbd.com/stylin/ch4_positioning/clear_floa Q- Google

A fixed-width three column template

Link 1
Link 2
Link 3

Some key changes have been made to this layout - the background of the container and center column are now both white, but most notably, we've used the "wild-card" selector to remove the margins and padding of EVERY element. Note that's collapsed the space between the paragraphs, and the list containing the links is against the side of the container.

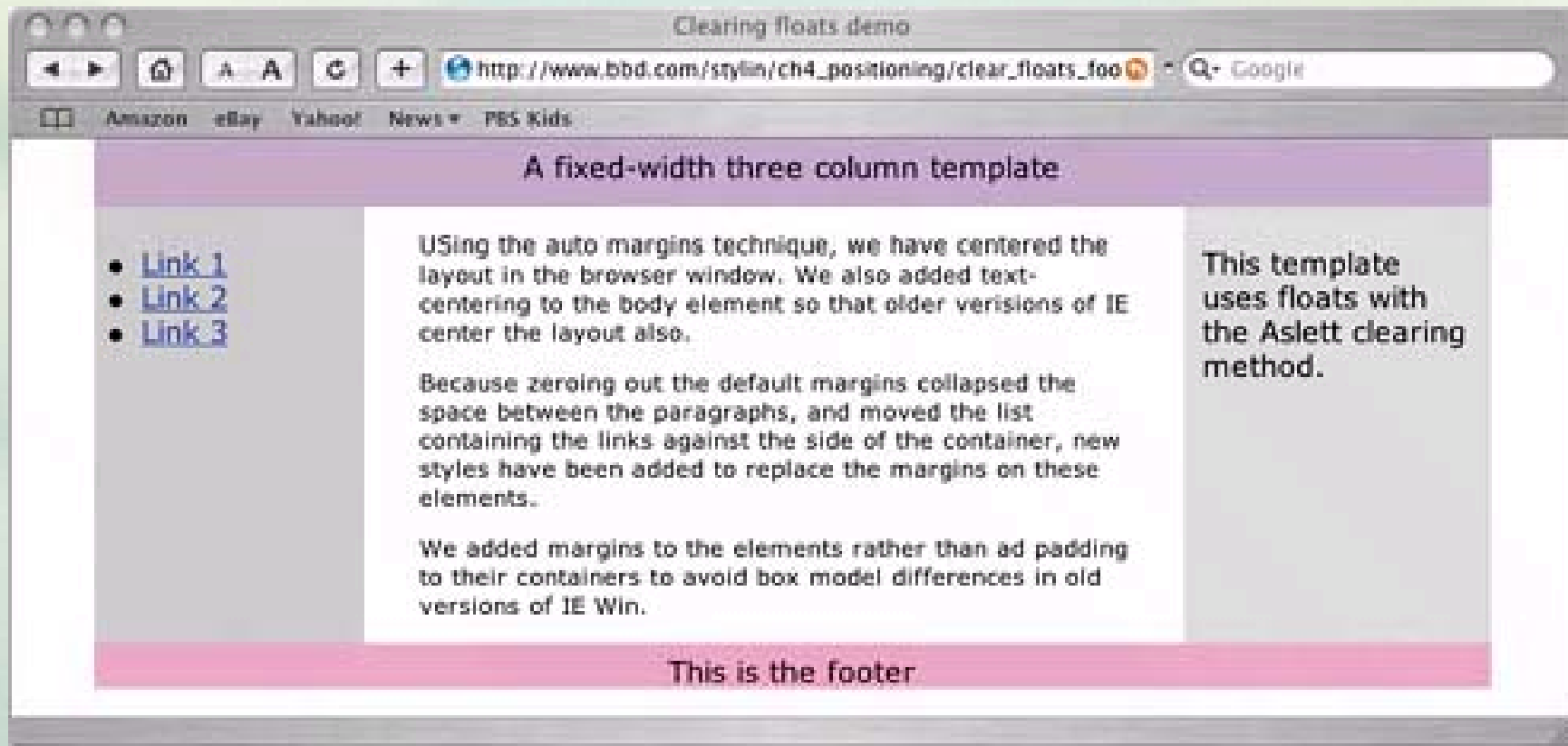
The middle column is now set longest so the side columns no longer reach the footer.

By adding a graphic element that repeats vertically in the container that holds the columns, we have created the illusion that they do. Because the "faux element" colors exactly match the background colors of the side column divs, it's impossible to see where a div ends and a background color starts; each full-length column appears to be one solid color.

This template uses floats with the Aslett clearing method.

This is the footer

Advanced Page Layout



Interactive Component

- Membuat CSS Based Menu

