Html 5 Basic structure
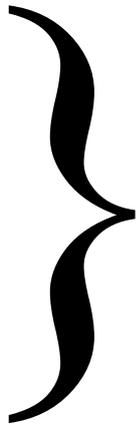
```
<!DOCTYPE html>
```

HTML <!DOCTYPE> Declaration

Mansour

Html 5 Basic structure

```
<!DOCTYPE html>

  <html>




  </html>
```

} This is an HTML document.

Mansour

Html 5 Basic structure

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

To declare the language of a Web page

```
</html>
```

Mansour

Html 5 Basic structure

```html
<!DOCTYPE html>

<html lang="en">
        <head>

        </head>

</html>
```

Opening and closing of HTML <head> Tag

Mansour

Html 5 Basic structure

```html
<!DOCTYPE html>

<html lang="en">

        <Head>

            <meta charset="utf-8">
```

To define charset for html5 doctype

```html
        </head>



</html>
```

Mansour

Html 5 Basic structure

```html
<!DOCTYPE html>

<html lang="en">

    <Head>

        <meta charset="utf-8">
```
To define charset for Html5 doctype

```html
        <Title>
                Title of the document
        </title>
```

```html
    </head>



</html>
```

Mansour

Html 5 Basic structure

```
<!DOCTYPE html>

<html lang="en">

    <Head>

        <meta charset="utf-8">
        To define charset for Html5 doctype

        <Title>
            Title of the document

        </title>

    </head>


    <Body>
            The content of the HTML document......
    </body>


</html>
```

Mansour

Html 5 Basic structure

```
<!DOCTYPE html>

<html lang="en">

  <Head>

    <meta charset="utf-8">

  <title>

  </title>

    </head>

  <body>

        </body>

  </html>
```

Mansour

Html 5 Basic structure

```html
<!DOCTYPE html>

<html lang="en">

  <Head>

    <meta charset="utf-8">

    <title></title>

  </head>
      <body>
            <p></p>

            <h1> to <h6>

            </figure></figure>

            <header></header>

            <nav></nav>

            <section></section>

            <article></article>

            <aside></aside>

            <footer></footer>

      </body>

</html>
```

Html 5 Basic structure

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">

      <title>
```
The <title> tag is required and it defines the title of the document.
```
      </title>

  </head>
    <body>
          <p>
```
The <p> tag defines a paragraph.
```
          </P>

          <h1> to <h6>


          <h1>
```
The <h1> to <h6> tags are used to define HTML headings.
```
          </h1>

          <figure>
```
Use a <figure> element to mark up a photo in a document.
```
          </figure>

          <header>
```
The <header> tag specifies a header for a document or section.
```
          </header>

          <nav>
```
The <nav> tag defines a section of navigation links.
```
          </nav>

          <section>
```
The <section> tag defines sections in a document. Such as chapters, headers, footers, or any other sections of the document.
```
          </section>

          <article>
```
The <article> tag specifies independent, self-contained content.
```
          </article>

          <aside>
```
The <aside> tag defines some content aside from the content it is placed in.
```
          </aside>

          <footer>
```
The <footer> tag defines a footer for a document or section.
```
          </footer>

    </body>

</html>
```

Mansour

Html 5 Basic structure

```
<!DOCTYPE html>

<html lang="en">

  <Head>

    <meta charset="utf-8">

    <title></title>

  </head>
      <body>
              <p></p>

              <h1> to <h6>

              </figure></figure>

              <header></header>

              <nav></nav>

              <section></section>

              <article></article>

              <aside></aside>

              <footer></footer>

      </body>

</html>
```

And much more tags we just stick to the basic

Mansour

Html 5 Basic structure

```
<!DOCTYPE html>

<html lang="en">

  <Head>

    <meta charset="utf-8">

    <title></title>

  </head>
      <body>
            <p></p>

            <h1> to <h6>

            </figure></figure>

            <header></header>

            <nav></nav>

            <section></section>

            <article></article>

            <aside></aside>

            <footer></footer>

      </body>

</html>
```

Mansour

Initial Page Elements

```
html{
    background: #FBE9B4;
}
```

Web Page

HTML Body Background
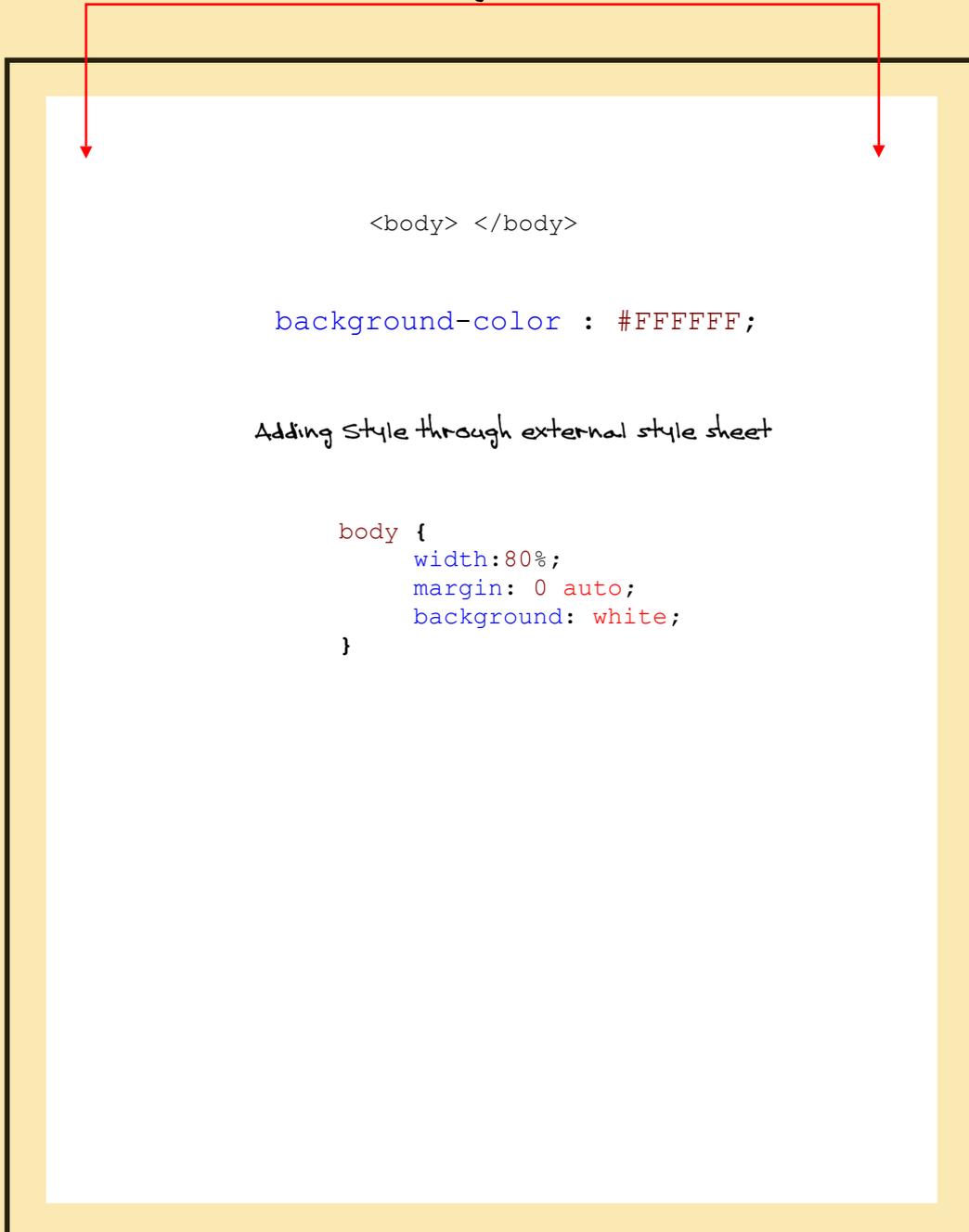
background-color : #fbe9b4;

Adding Style through external style sheet

```
html{
    background: #FBE9B4;
}
```

Mansour

Initial Page Elements

```css
body {
    width:80%;
    margin: 0 auto;
    background: white;
}
```

Web Page body

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

```css
background-color : #FFFFFF;
```

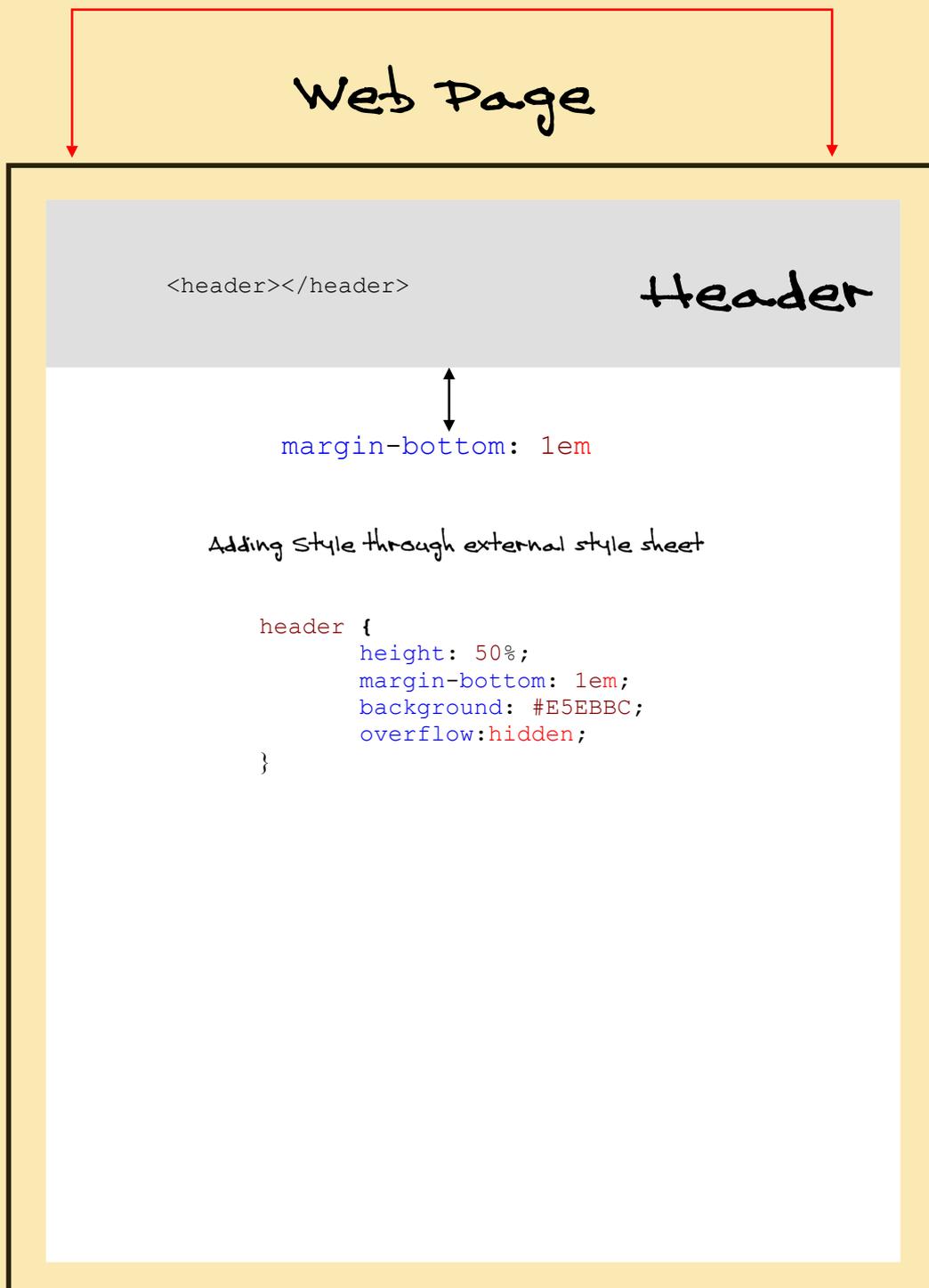Adding Style through external style sheet

```css
body {
    width:80%;
    margin: 0 auto;
    background: white;
}
```

Mansour

Initial Page Elements

```css
header {
        height: 50px;
        margin-bottom: 1em;
}
```

Web Page

```
<header></header>
```

Header

margin-bottom: 1em

Adding Style through external style sheet

```css
header {
        height: 50%;
        margin-bottom: 1em;
        background: #E5EBBC;
        overflow:hidden;
}
```

Mansour

Navigation Container

```
nav {
     height: 25px
     margin-bottom: 1em;
}
```

Web Page

```
<header></header>                    Header
```

```
Navigation                  <nav></nav>
```

margin-bottom: 1em

Adding Style through external style sheet

```
nav {
     height: 25px
     margin-bottom: 1em;
     background: #AAAA9B;
}
```

Mansour

Content Regions

```css
aside {
        float:left;
        width:30%;
    }


article {
        float:right;
        width: 60%;
    }
```

Web Page

Header

Navigation

<nav></nav>

100%

30%

60%

10%

Sidebar

<aside></aside>

```css
aside {
    float:left;
    width:30%;
    background: #9BC0D5;
}
```

Main Content

Mansour
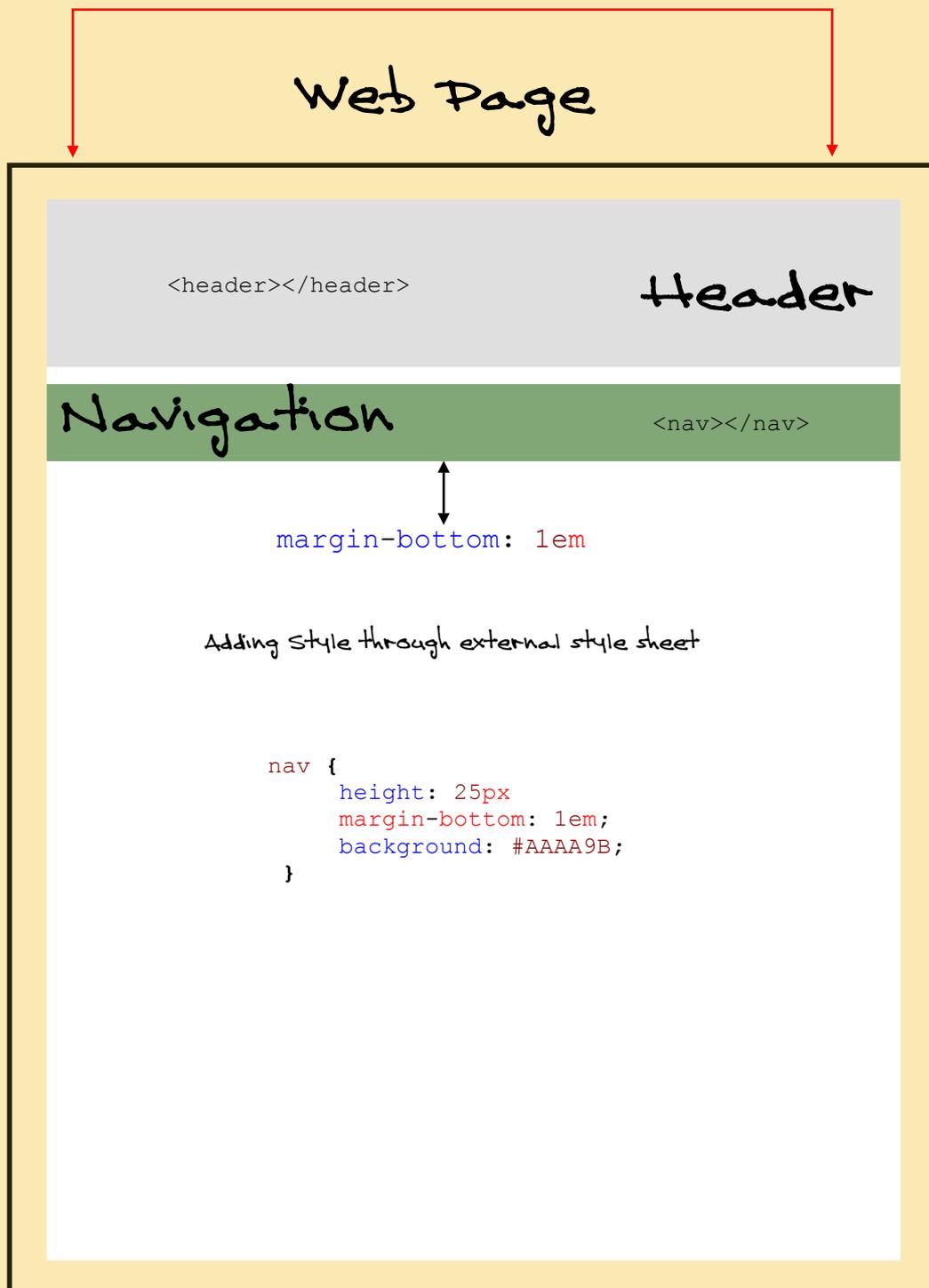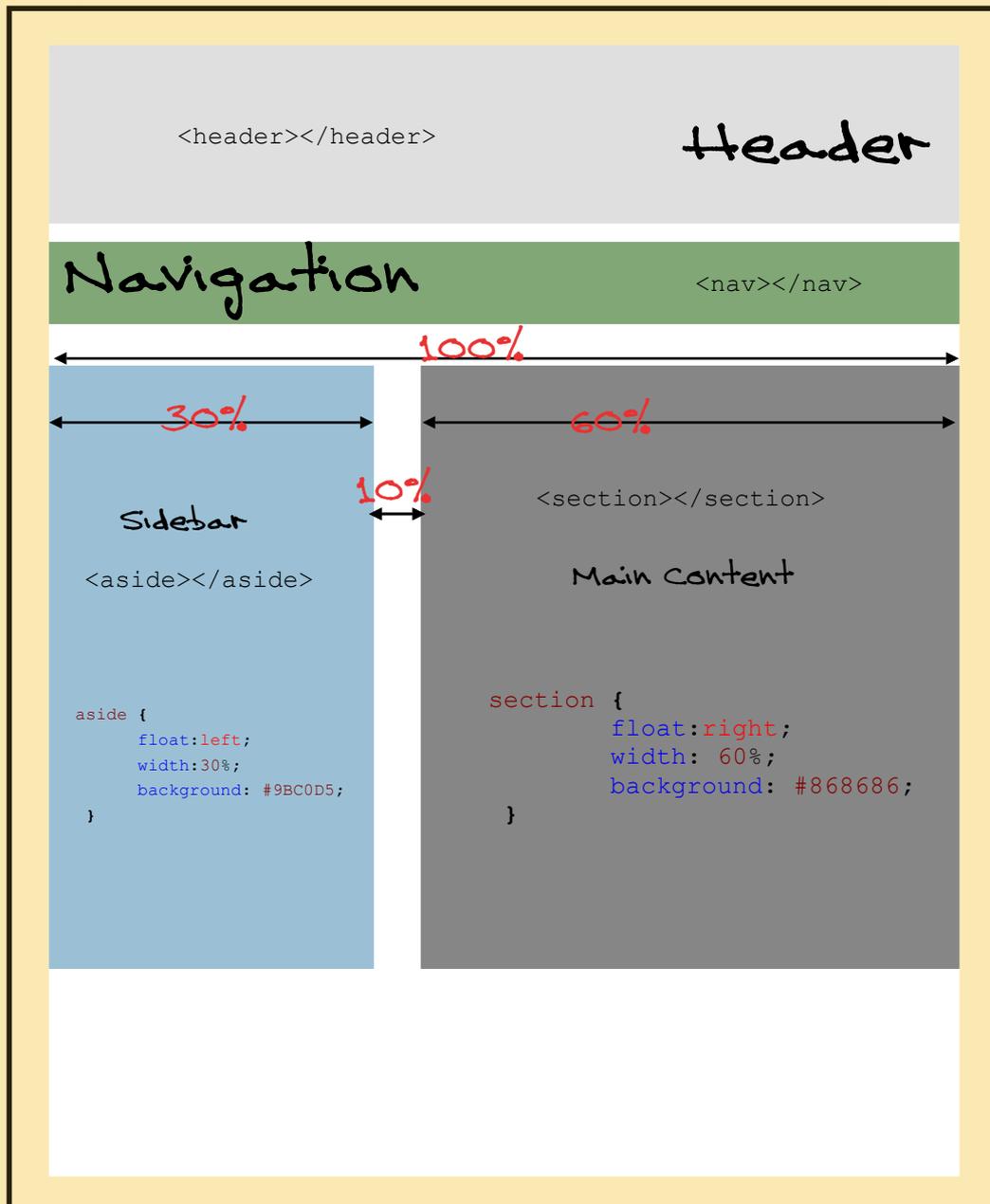
Content Regions

```
aside {
        float:left;
        width:30%;
    }


article {
        float:right;
        width: 60%;
    }
```

Web Page

Header

Navigation   <nav></nav>

100%

30%

10%

<section></section>

Sidebar

Main Content

<aside></aside>

```
aside {
    float:left;
    width:30%;
    background: #9BC0D5;
}
```

```
section {
        float:right;
        width: 60%;
        background: #868686;
    }
```

60%

Mansour

Footer

```
footer {
    margin-top: 1em;
}
```

Adding footer

Web Page

`<header></header>` **Header**

Navigation   `<nav></nav>`

100%

30%

10%

Sidebar

`<aside></aside>`

```
aside {
    float:left;
    width:30%;
    background: #9BC0D5;
}
```

60%

`<section></section>`

Main Content

```
section {
    float:right;
    width: 60%;
    background: #868686;
}
```

Mansour
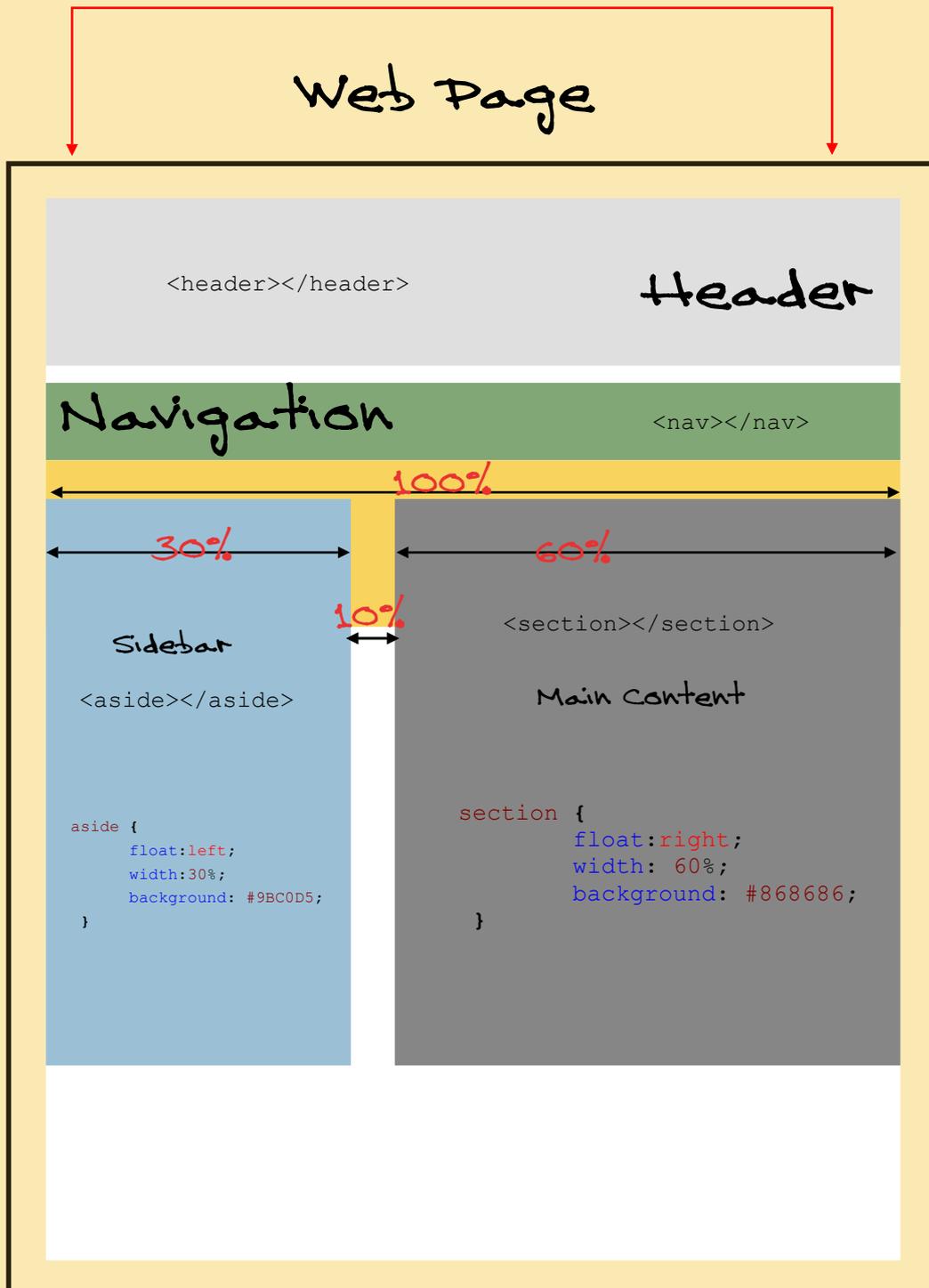
Footer

```css
footer {
        clear:both;
        margin-top: 1em;
    }
```

Adding footer

Header

Navigation   <nav></nav>

100%

30%   10%   60%

<section></section>

Sidebar

<aside></aside>

Main Content

```css
aside {
    float:left;
    width:30%;
    background: #9BC0D5;
}
```

```css
section {
        float:right;
        width: 60%;
        background: #868686;
    }
```

margin-top: 1em

Footer

```css
footer {
        margin-top:1em;
        background: #F8D35D;
        clear:both;
    }
```

Mansour

Templaate
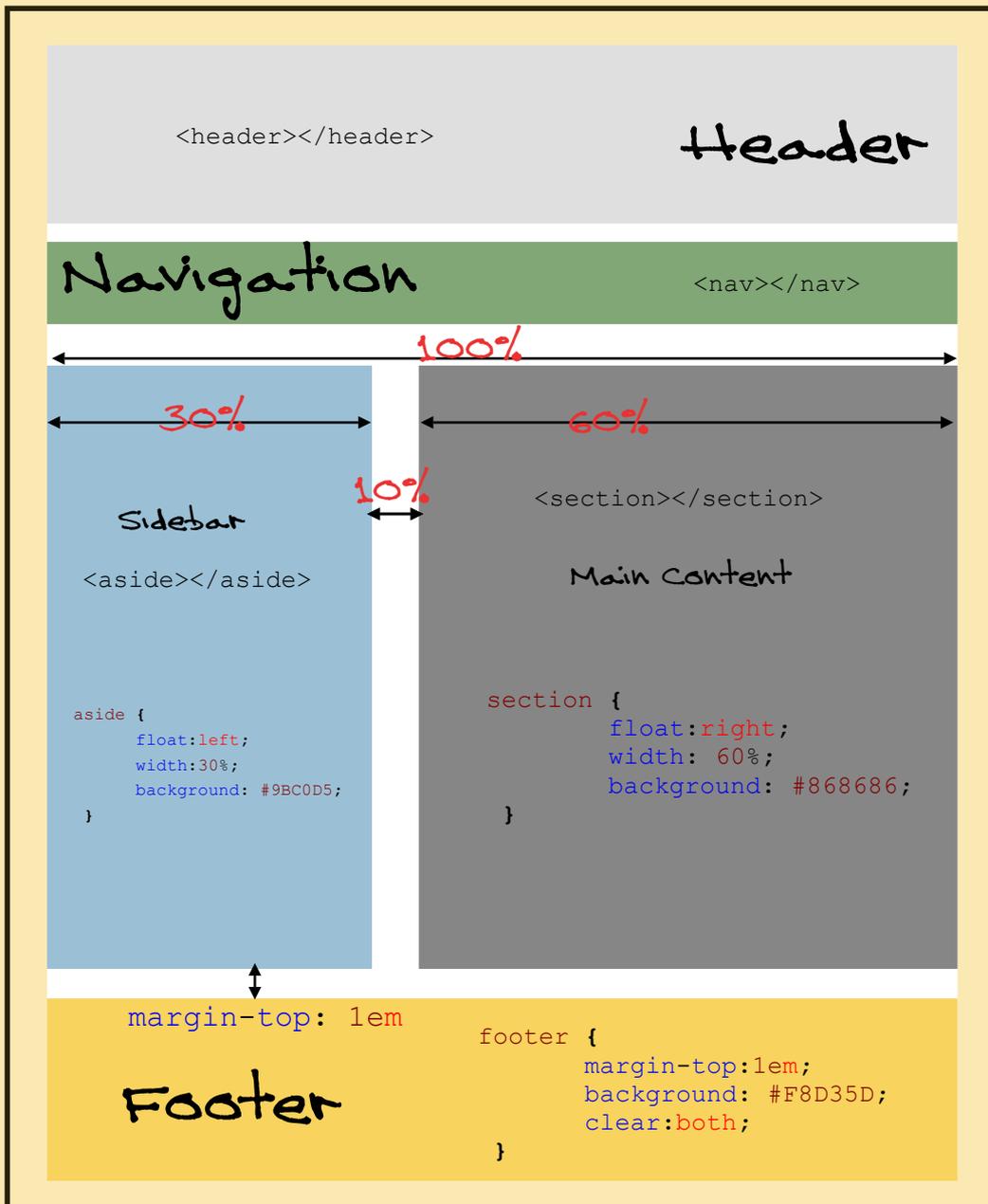
Logo

Products | about | contact |

Lorem Ipsum

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Lorem Ipsum

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at Hampden-Sydney College in Virginia, looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source. Lorem Ipsum comes from sections 1.10.32 and 1.10.33 of "de Finibus Bonorum et Malorum" (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of Lorem Ipsum, "Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.

The standard chunk of Lorem Ipsum used since the 1500s is reproduced below for those interested. Sections 1.10.32 and 1.10.33 from "de Finibus Bonorum et Malorum" by Cicero are also reproduced in their exact original

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