

Lab 3 – CSS

Part 1 - Styling up pages in SmartLearningSolutions.zip

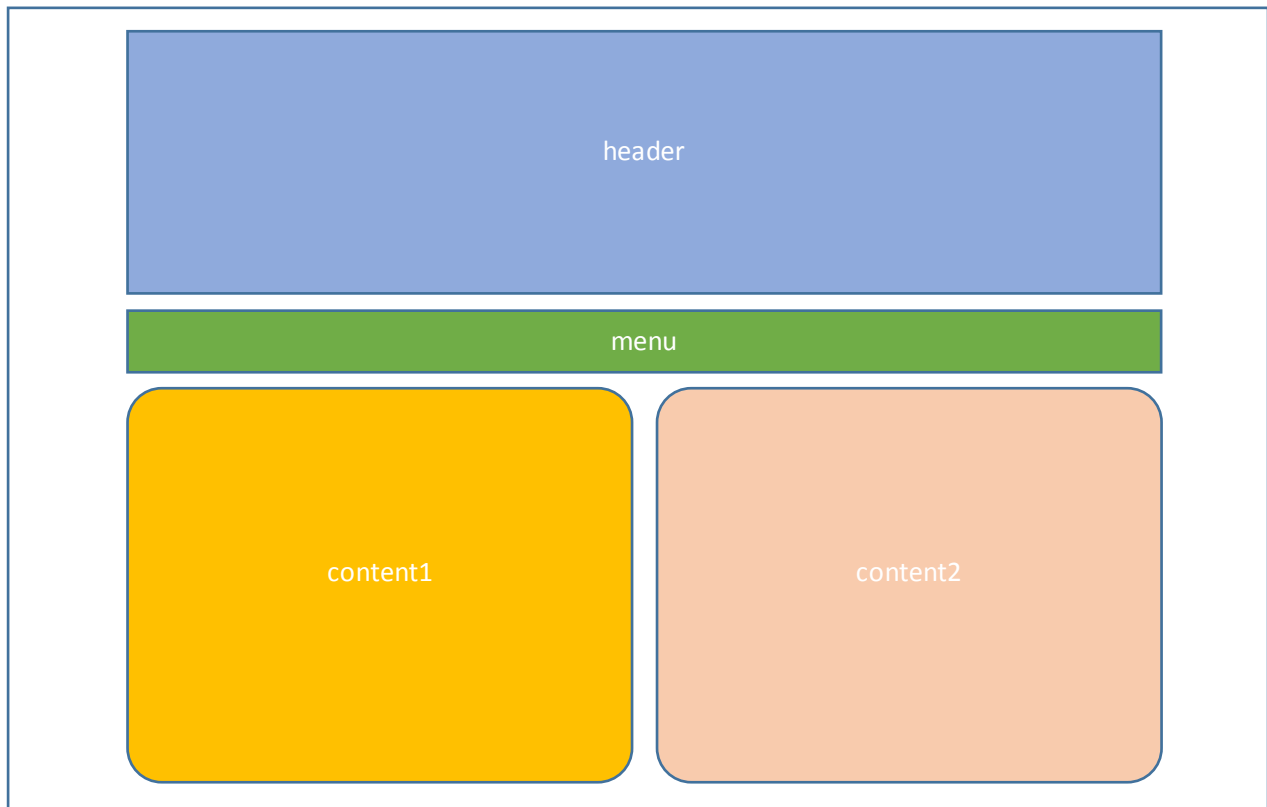
1. Create a folder name 'style' in your main project folder. Create an external CSS file inside the folder, name the file as 'style.css'.
2. These stylings need to be included in 'style.css' file:
 - i. For HTML Selector 'h1', 'h2' and 'h3', set the font family as 'Verdana' and set the font color as '#00785c'.
 - ii. For HTML Selector 'body', set the font family as 'Arial'.
 - iii. For HTML Selector 'anchor', set the text decoration as none and font color as '#0095b1'
 - iv. Use pseudo-class hover for HTML Selector 'anchor', set the background color as '#baebf5'
 - v. For HTML selector 'horizontal line', set the border top size as 5px, border style as dotted and border color as '#00785c'
3. Link 'style.css' to home.html, topics.html and gallery.html.
4. In gallery.html, add these declarations in 'table' element using inline CSS method – 'width:800px; margin-left: auto; margin-right: auto;'
5. In topics.html, by using embedded/ internal CSS method, add these CSS styles:

```
ul.secondlevel {
    list-style-image: url('images/book.png');
}
ul.thirdlevel {
    list-style-image: url('images/pencil.png');
}
```

Call the CSS class accordingly so that the output in the browser shows as below:

1. Foundation Stage
 - Early Years ICT
 - Phase 1 Phonics
2. Key Stages 1 and 2
 - Interactive Literacy
 - Smart Learning ICT
 - Telling Tales
3. Key Stage 3
 - Science catalogue (including Smart Science, Practical Science and The Student Guide to Literacy in Science)
 - Smart Science Student's Book Sample
 - Practical Science FREE lessons
 - Progress in AFs
 - Smart English
 - Smart English - Crime & Detection FREE lessons
 - Smart Skills Builder series
 - Smart Skills Builder Reading and Writing
 - Smart Skills Builder Reading Booster Packs
 - Smart Skills Builder Speaking & Listening
 - Smart ICT
 - Smart Skills Builder ICT Book-based resources
 - Smart Skills Builder ICT Digital Skills Packs
 - Smart Skills Builder ICT VLE Packs

Part 2 – Web Page Layout



By skipping about the web content first, imagine that we going to have a layout something like the figure above.

1. Create an *.html page name 'weblayout.html'.
2. Add these elements and attributes in the <body> section of the page:

```
<div id="header">This is header</div>
<div id="menu">This is menu</div>
<div id="content1">Content 1</div>
<div id="content2">Content 2</div>
```

3. Add the styles below by using internal CSS method to style up the layout of this web page.

```
#header {
  height: 100px;
  width: 900px;
  background-color: #FF99CC;
}
#menu{
  width:900px;
  height:50px;
  background-color: #CCFF99;
}
#content1{
  width:450px;
  float:left;
  height:450px;
  background-color: #FFCC66;
  border-radius:25px;
}
```

```
#content2{
  width:450px;
  float:right;
  height:450px;
  background-color:#CC99FF;
  border-radius:25px;
}
```

4. Check the output of your webpage in the browser.
5. To make all the sections aligning to the center, add another <div> to wrap all the section:

```
<div id="wrapper">
  <div id="header">This is header</div>
  <div id="menu">This is menu</div>
  <div id="content1">Content 1</div>
  <div id="content2">Content 2</div>
</div>
```

And the style for the wrapper in CSS:

```
#wrapper{
  width:900px;
  margin:0 auto;
}
```

6. Check the output of your webpage in the browser.
7. There's no space within the box and outside the box. Check out http://www.w3schools.com/css/css_boxmodel.asp.