

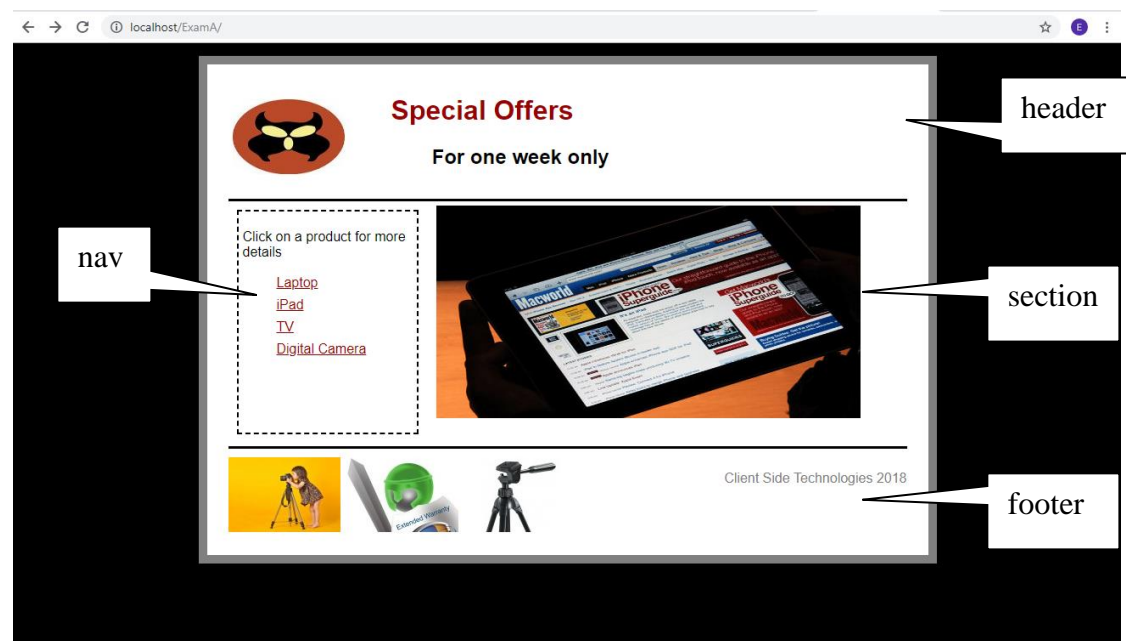
**Client Side Technologies (HTML/CSS/JavaScript/Ajax)**  
**Tuesday 27<sup>th</sup> November 2018, Group A**

**Instructions:**

Time allowed 2hrs. Upload a .zip of your folder (e.g. C:\xampp\htdocs\efarrell) to Moodle.

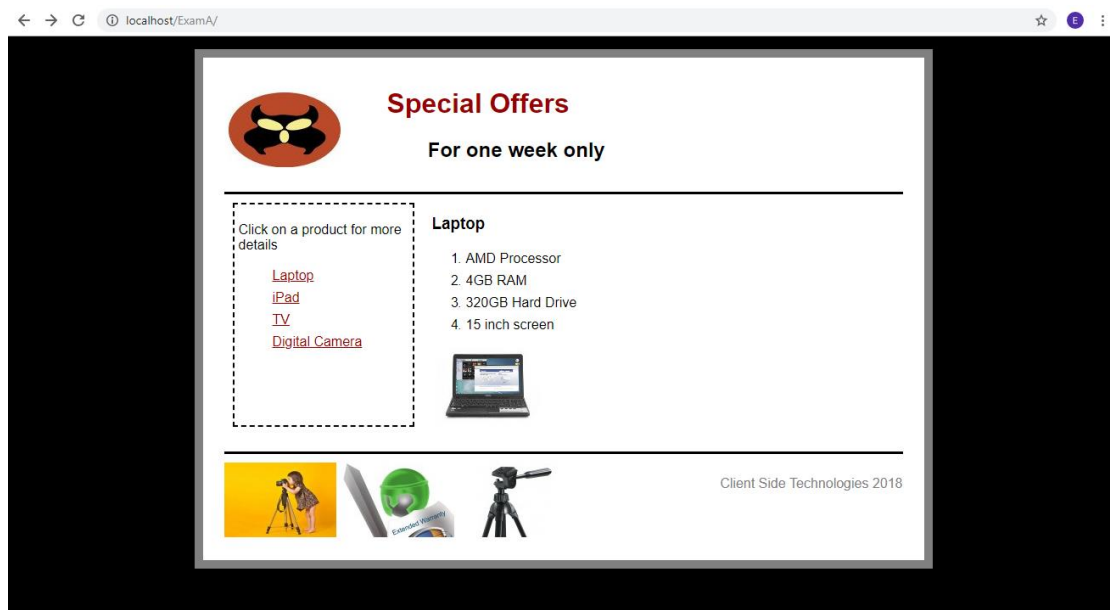
**NB:** For maximum marks, keep HTML, CSS and JavaScript in separate files.

1. Use the file called index.html available on Moodle and create a .css file to give the following layout using information below.
2. The divisions for the page are shown here:



3. The background color is black.
4. The page width is 800 pixels. It uses Arial font family, background color white with a 10 pixel solid gray border. Padding is 15px on top and bottom and 25px on left and right. Margin is 15px on top and bottom and auto on left and right (to center the division).
5. The header division is 90px high, with a padding at the bottom of 2em, and a 3px solid black border at the bottom.
6. The header division contains an image, a h1 and a h2 element. The h1 is color #990000, its font-size is 200% of the default, with left margin of 6em. The h2 has a font-size of 150% of the default with the left margin of 10em and the color is black.

7. The image in the header should have margins on the top and left set to 5px.
8. The nav division is 200px wide by 250px high with a 2px dashed black border. Padding is 5px and margin is 10px on all sides.
9. The section division has a left margin of 15em, is 600px wide and has 5px padding.
10. The font style for the links should change to bold when the mouse moves over them. (font-weight:bold).
11. The list style for the list elements should be set to none. The color for the links is #990000, they have a line-height of 1.4 and a top margin of 0.25em.
12. The footer has a margin at the top of 1.5em, a border at the top of 3px solid black and is 100px high. It has padding at the top of 10px. Each image within the footer has a right margin of 3px.
13. The copyright text is aligned to the right and color gray.
14. Use appropriate floats to get the layout as shown in the picture above.
15. The details for each file are stored **as JSON files** (attributes : title, f1, f2,f3, f4 image url). You need to write a JSON file for each product. (f1, f2, f3 and f4 stand for feature 1, feature 2 etc. that represent the items in the ordered list.)
16. When a link is clicked use ajax to fetch details, and display the product details in the section division as shown below:



**The details from the JSON file are formatted as follows:**

**Laptop Example:**

### Laptop

h3

1. AMD Processor
2. 4GB RAM
3. 320GB Hard Drive
4. 15 inch screen

Ordered  
List (ol)



img

**The details for the other products are as follows:**

### TV

1. 32Inch LCD
2. Digital Noise Filter
3. Motion Compensation
4. 4 HDMI connections



### iPad

1. Quad Core Processor
2. 2GB RAM
3. 32GB Flash Drive
4. Retina Display



## Camera

1. 20megapixel
2. 3inch LCD Screen
3. HD Recording
4. Wide Angle Zoom

