**2ND HOMEWORK - CSS**

**Assignment Specification**

1) Download an archive containing HTML document and an empty style sheet from the assignment. It already includes a reference to a stylesheet, your homework should go into "homework.css". There is another file "reset.css", do not change it - it's a CSS reset script.

2)  Create a CSS style sheet that defines the layout of a given HTML document. The result should look as similar as possible to the screenshots available in the folder “screenshots” in the homework archive.

3) Submit only the homework.css file. Do not make any changes to the original html document. Before submission, validate the stylesheet in CSS validator: <http://jigsaw.w3.org/css-validator/>

**Information about the Styles**

Some additional information about the styles of elements used follows. These are not the only properties that you should set, others can be identified without explanation.

**Background**

Pay attention to the background, it is attached to the window and does not scroll with the page.

**Main contents**

·        The contents of the page occupy 80% of the width of the window. The contents should be resized when the user changes the size of browser window, but it must not get smaller than 534px.

·        The contents have 80% opaque black background.

·        The top banner with the car image must have the same width as the main contents.

·        Font family is "PT Sans", it is also a Google Web fonts font (don’t forget to provide alternative fonts).

**Top menu**

·        Top menu items "Automobiles", "Services", "Pre-owned", "Find a dealer", "My Ferrari" should float to the left. Top menu item “Inquire” should float to the right.

·        Text in top menu items is aligned at the middle vertically.

·        Font size is 1.1 times bigger than the main text size.

·        Text color is 70% opaque white. Text color of the menu item "Automobiles" is red.

·        Background color of top menu items is black. Background color of the menu item "Inquire" is 50% opaque red.

·        Top menu items have vertical 50% opaque red borders.

·        Top menu is "sticky", i.e. when a user scrolls a page down, the top banner moves up and finally dissapears, but the top menu stays at the top of the page (see more info [here](https://www.w3schools.com/howto/howto_css_sticky_element.asp)).

·        When not hovered, the submenu is hidden.

**Main text**

·        Font size is 14 pixels. Font color is 60% opaque white. Line height is 1.5 times bigger than the main text size. The text is justified.

·        Font size of the first paragraph is 1.1 times bigger than the main text size. Font color is 90% opaque white.

·        Font size of H1 heading is 1.8 times bigger than the main text size, font size of H2 heading is 1.4 times bigger than the main text size, font size of H3 heading is 1.2 times bigger than the main text size. All headings are white with no transparency.

·        Font size of the text located in the right column of the section "Fuel Consumption And Emissions" is 0.8 times the size of the main text.

·        Font size of the text located in the section "Specifications" (apart from headings H2-H3) is 0.9 times the size of the main text.

·        The first picture in the main text block occupies 50% of the available width, but its width is no less than 480 pixels. The text "Refined, Essential and Never Excessive" has 50% opaque black background.

·        The second picture in the main text block occupies 20% of the available width, but its width is no less than 170 pixels.

**Bottom menu**

·        Bottom menu items as well as copyright should be centered;

·        Font size of the bottom menu items is the same as main text font size. Font color is 50% opaque red.

·        Font size of the copyright is 0.75 times the size of the main text font size. Font color is 50% opaque red.

**Ferrari Logov**

·        Ferrari logo image is positioned relative to the browser window, i.e. is always visible. It must be attached to the right bottom corner of the window.

**User interaction**

Screenshot scr1-mouse demonstrates changes to elements that occur when a user points a mouse cursor over them.

·        When a user points a mouse cursor over the top menu or bottom menu items they become underlined.

·        When a user points a mouse cursor over the Ferrari logo in the bottom right corner, the image gets 2 pixel wide 50% opaque red border.

·        When a user points a mouse cursor over the menu item "Automobiles", the submenu becomes visible. Submenu items are styled with 50% opaque red border. The last menu item has rounded corners with 4px radius. When a user points a mouse cursor over some menu item, its text becomes red and underlined.

For all elements of the page, pay attention to the case of letters in the headings and menu items and to the weight and style of the font.