**Web Site Building with CSS**

**Mid Term Exam**

1. Explain the cons and pros of using float property in CSS? (10/100)

Pros: allow us to place block elements side by side without using nasty <table>s

Cons: it is not easy to make the design responsive without using workarounds with javascript. Elements will be side by side but they won’t match the bigger element size since they have no information about its siblings height property making it annoying to look at, specially if you are OCD.

1. Explain the difference of position: relative, position: absolute, position: fixed. (10/100)

Position relative sets the origin point to the top left corner of its parent position. So, child top | left | right | bottom property is changed relative to that point.

Position absolute sets the origin point to the top left corner of the body element.

Position fixed sets the origin point to the top left corner of the window so it will be fixed on the screen even if there are scrolls on the page.

1. Create one page website that is using CSS for styles. You need to know all the CSS, HTML, or JS code in your files. (Don’t forget css file in “css” folder and images in “images” folder).

* Your web pages should be responsive (You can use the file or files you created for Quiz1 if you want). Use viewport and @media methods. Also, you need to use position: relative, position: absolute, and position: fixed at least once. (15/100)

For instance:

vertically and horizontally centered text on images

fixed contact us chat container on the right bottom of page

fixed social media buttons

* Align all the elements properly when the screen size (desktop, tablets and smart phones) changes. Add 2 media queries with 2 break points. (20/100)
* The navigation menu items should have underline when hover the links(10/100)
* Use google fonts on your web page. (5/100)
* Use overflow: hidden in a article. (10/100)
* Use background property with fixed value for your background of your web-site. (10/100)
* Organize your files, prefix css, format and validate your HTML. (10/100)