**Report on Responsive web design**

A responsive web design is one when you use CSS and HTML to resize, hide, shrink, enlarge, or move the content to make it look good on any screen.

A viewport is the visual area of a webpage. It varies from devices to devices like tablets, mobile phone and computer screens. To take control over the viewport we use the meta tag <meta>

<meta name="viewport" content="width=device-width, initial-scale=1.0">

The meta tag helps to control the page’s dimensions and scaling. The width = device-width sets the webpage width according to the screen width of the device. And initial-scale =1.0 sets the initial zoom level when the page is first loaded by the device.

In a grid view we divide the entire area for the computer screens into 16 columns. We build this by setting the box-sizing to border-box properties.

Media query is used to change certain properties and features of a website by introducing a breakpoint. The break point is the point after which the feature is changed.

We should always design for mobile first so that we can change the design of the webpage when we move to bigger screens.

We should keep in mind that a user prefers to view to view a webpage horizontally scrolling downwards so we set the width of the screen to 100% and the height to auto.