**Module\_7\_More\_CSS**

#### **7-1 CSS3 Module Introduction visibility hidden vs display none**

* **visibility: the hidden** element will be at the position, but it can’t be seen.
* **display: none** elements will kick out from the page (it feels that there was no element there) and other elements will be adjusted in their place regarding the flow of content.

#### **7-2 CSS Overflow visible, hidden, scroll, text-overflow, ellipsis**

* The  **overflow** property is used to fit a large text into a small area or box [e.g. **hidden, scroll,** etc]
* **Text-overflow (ellipsis)** and **white-space (nowrap)** are used to fit a text into a small box followed by three dots (...). **Tooltip** (**title** attribute) is used to show the full text.

#### **7-3 Optimize images, types of images, SVG, png, jpg, Sprite**

* Don’t use extra-large heavyweight images on the webpage. Compress image using [**Tinypng**](https://tinypng.com/)**.**
* **SVG** image is very small in size compared to other formats.
* **CSS sprite** is a technique of showing a specific part (an object) of an image on the webpage using CSS.

#### **7-4 Add icons using font awesome and create social links**

* Go to [FontAwesome](https://fontawesome.com/), After sign in, copy the kit and paste it into the header tag.
* Search for icon and past the icon tag along with accurate class name into the web page.
* Style the icon as like a text.

#### **7-5 Transform element using rotate scale translate**

* **Transform** has several values. **scale(0.4)** indicates the size of the object, **translate** and r**otate(75deg)** move and rotate the object (element) by direction.

#### **7-6 Introduction to CSS animation Transition**

* **Transition** property change an element style by given direction.
* **transition: <property> <duration> <timing-function> <delay>;**
* E.g. transition: width 4s ease 2s;