HTTP RESOURCE ADDRESSING

* URI (Uniform Resource Identifier) – it is the common point in referencing a network based resource. I has two types:
  + URN (Uniform Resource Name) – is in the form “urn:.” urn is mostly used when the resource is in the directory that you specified and that it is not moved somewhere else, then you specify the name of the resource that you intended.
  + URL – is in the form “http://.. or https://”is your typical web address that points to a specific location that you want to.
* HTTP URL COMPONENTS
  + - Scheme (http/https/FTP/File) is the first word you see in a url
    - Authority that has user information or host name of the machine which is resolved to an IP address using DNS(Descriptive Naming System)
    - Port number is by default set to 80 for HTTP and 40 for HTTPS
    - Path to Resource is dynamic or static. For example /info/profile.php?
    - Query Value (?) : key=value, (&) : where, (%) : if same

URL Writing

* + Fragment Identifier (#) is also known as bookmarks for example : <div id=”a”> then in the URL we type: index.html#a