Subject : UIClass-August-24-2016 HomeWork 8 <Name>

1) why we use java script?

we use javascript to increase interactivity of the page. Certain sections can be highlighted or brought into focus when clicked on, hovered. It provides highly dynamic webpage content and works even when the page is offline. It provides dynamic content and communicates with the server without having load another page. It can also be made dynamic without having to communicate with the server. In other words, to be more specific, with javascript, we can change all HTML elements, attributes, CSS styling, remove HTML attributes or elements, add new ones, or react to existing elements, styling and attributes on a click.

Javascript helps implement actions that should take place when a page is loaded, closed, clicked on, validation etc.

2) what is dom manipulation?

DOM(document object model) is an API that works as an interface with the document. It is available in many languages. DOM manipulation involves making changed to the HTML tree structure.

3) what are events in a web page? how can you recognize them.

Events are what help to manipulate the DOM. A few event are onchange, onclick, onmouseover, onmouseout, onkeydown, onload.

4) java script data types.

* number.
* string.
* boolean.
* undefined.
* null.
* object

5) conditions and loops

- if, else, if else, switch --- conditions

- for, for in, while, do while. --- loops