

Assignment No :- 1

Name:- Sushil Bhardwaj

Roll no :- TCOB128

* Title:-

Design HTML form using css, accept student Name, Age and mobile No. from user, using javascript validation for following:

- 1) student Name should be empty
- 2) student Age must be between 1 to 20.

* Objective:-

- i) Understand about basic concept of HTML
- ii) Understand basic concept of css
- iii) Understand basic concept of javascript

* Theory:-

→ HTML :-

- ① HTML stands for Hypertext markup language for creating web pages.
- ② pages It describes web pages structures using markup language.
- ③ HTML elements are represented by tags.
- ④ HTML elements are building block of HTML pages.

→ CSS:-

- 1] CSS stands for Cascading style sheets. It is nothing but designed language intended to simplify
- 2] It is process of making web pages presentable
- 3] By using CSS we can control of text, styles of fonts, spacing between paragraph, layout and buttons of web page.

* Advantage:-

- i) Saves time
- ii) Load pages faster
- iii) Easy Maintenance
- iv) offline browsing
- v) Global web standards

→ Javascript:-

Javascript is a programming language of HTML as well as web. It is preferred for creating network-centric application. It is integrated and complimentary with Java.

* Advantages:-

- i) Requires less server interaction
- ii) Immediate feedback to visitor
- iii) Increased interactivity.

* Technology:-

- (i) `<!DOCTYPE html>` - Define document to HTML5
- (ii) `<html>` - Element is root element of HTML page.
- (iii) `<head>` - Element contains meta information.
- (iv) `<title>` - specifies a title for document.
- (v) `<body>` - Element contains visible page
- (vi) `<h1>` - defines a large heading
- (vii) `<p>` - Element defines paragraph
- (viii) Angle brackets `<tagname>` - - `</tagname>`

* Validation:-

Validation, when client enters the necessary data and press submit, form validation is done at server end. If data is incorrect or missing server need to send all data back to client for resubmission. Javascript provide a way to validate form's a data on server form validation perform two function.

① Basic Validation

(ii) Data form validation.

* CSS can be added to HTML element in 3 ways:-

* Inlines:- By using the style attribute in HTML element, used to apply unique style to single HTML element.

(ii) Internal:-

By using `<style>` element in the `<head>` section. An internal CSS is used to define a style for single HTML page it is define in `<head>` section of page, within `<style>` element.

(iii) External:-

By using external CSS file, we can apply it for many HTML pages. You can change the look of entire web site, by changing one file.

* Conclusion:-

Hence we have designed static web pages using HTML and CSS.