W.D.

Assignment - 4

1→ What is the use of Forms in HTML?

HTML forms are required when some data needs to be collecated from the user. The user input is most often sent to a server for processing

2→ Write any 2 CSS properties for font

Font - style:
Specifies the font style. Default value is normal

Font - Color:
The color property is used to set the color of the text / font on the webpage.

3→ What is CSS Box Model?

In CSS, the term "box model" is used when talking about design & layout. The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding & content.

4→ What do you mean by Form Controls? Write the code for Password.

a→ Text Input

There are 3 types of text input control used on forms.

- Single line Text Input control
- Password Input control
- Multiple line Input Control

b→ Checkbox Control

It is used when more than one option is required to be selected.

c→ Radio Button

Radio Buttons are used when out of many options just one option is required to be selected.

d→ Select box Control (Drop Down Box)

It provides <option> tag to list out various option in form of drop down list

e→ File Upload box

If you want to allow user to upload the file used file upload box.

f-> Button Controls
- Submit Button
- Reset Button
- Button
- Image

Code for Password

```
<label for="pwd"> Password:</label>
<input type="password" id="pwd"
name="pwd">
```

5-> What do you understand by Form Validation? Give example.

Form Validation is the process of checking that a form has been filled in correctly before it is processed, this is called form validation

```
<html>
<body>
<script>
function validate form() {
var name = document.myform.name.value;
var password = document.myform.password.
```

value;

var password

```
If (name == null || name == "") {
    alert ("Name can't be blank");
    return false; }} </script>
<body>
<form name = "myform" method = "post"
action = "abc.jsp" onsubmit = "return validatof
orm()">
Name: <input type = "text" name =
"name"> <br/>
Password: <input type = "password" name
="password"> <br/>
<input type = "submit" value = "register">
</form>
</body>
</html>
```

6-> In how many ways HTML & style-sheet can be linked?

CSS can be linked to HTML in 3 ways:

1-> Inline CSS
. An inline CSS is used to apply a unique style to a single HTML element.

- An inline CSS is used to apply a unique style to a single HTML element.

- An inline CSS uses the style attribute of an HTML element.

2→ Internal CSS
- An internal CSS is used to define a style for a single HTML page.

- An internal CSS is defined in the <head> section of an HTML page, within a <style> element.

3→ External CSS
- An external CSS is used to define the style for many HTML pages.

- To used an external style sheet, add a link to it in the <head> section of each HTML page.

- The external CSS can be written in any text editor. It is saved with a .css extension.

7-> How many types of operators are there in JS? Explain them with example.

There are 4 types of operators:

1-> **Arithmetic Operators**

Arithmetic operators perform basic computations on their operands.

ex- $+, -, *, /, \%, ++, --$

1.2-> **String Operators**

The + operator is used for adding numeric values, but it can also be used to concatenate two or more strings & return a single string.

ex- $+, +=$, etc

2-> **Comparision Operators**

Operators compare the value of two operands. If the comparison is true, they return true, otherwise false.

ex- $==, !=, <=, >=, <, >$

3-> **Assignment Operators**

In an assignment operators operation the

value of a variable a is computed from the expression that lies to the right of an assignment operator. That value is assigned to the variable or property that is on the left side of the operator

ex - $=$, $+=$, $-=$, $/=$, $\% =$, $* =$

4-> Logical operators

Logical operators compare boolean expressions & then return true or False

ex - && , || , !