

Assignment 3

→ Aim

Create form in HTML with all form elements apply form validations

→ Objectives :

- 1. It gives an introduction into the basic concepts of javascript
- 2. It gives understanding of how you can use javascript for form validation.

→ Theory :

A] Introduction to HTML forms:

- Forms are user interfaces for data input
- Main application : to provide user input for
 - programs & databases located on web server
 - local (client-side) scripts associated with the form
- Server-based programs may return data to the client as a web page
- Client-side scripts can read input data
 - To validate the data , prior to sending to server
 - To use in local processing which may output web page content that is

displayed on the ~~client~~ client.

B) input element:

- The type attribute specifies the type of user input.
- The name attribute gives an identifier to the input data.
- The size attribute specifies the length of the input field.
- The value attribute specifies an initial value for text.

Ex. <form>

```
Name: <input type = "text" name = "name" size = "20"> <br>
Password: <input type = "password" name = "pass" />
</form>
```

C) Input Types:

- text
- checkbox
- radio
- textarea
- password
- button
- reset
- hidden
- file
- image

→ Conclusion :

Various Javascript functionalities have been studied & used for interactive web page design & form validations.