

Tutorial No. 03

Title: HTML5 Form handling.

Batch: B1 Roll No.: 16010420133**Tutorial No.: 3****Aim:** To design forms using HTML 5 Input Elements and Attributes

Resources needed: Web browser , HTML Editor/Notepad ++, Bracket, and Sublime Text

Theory: HTML Forms are the way of accepting input/data from the website user. There are some basic HTML form input elements such as text, checkboxes, radio buttons, select option and some basic attributes such as name, id, checked and so on. HTML 5 has introduced many more input elements such as email, password etc. as well as many useful attributes which makes the form more user friendly.

Activity: Students are required to design form using HTML 5 input elements and attributes

Result: Code and Output

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <!-- simple form with a checkbox -->
  <form>
    <input type = "checkbox">
    <label>Apples</label><br>
    <input type = "checkbox">
    <label>Mangoes</label><br>
    <input type = "checkbox">
    <label>Bananas</label>
  </form>
  <hr>
  <!-- collect user information form -->
  <form>
    <label>First Name:</label><br>
```

```

<input type = "text"><br>
<label>Last Name:</label><br>
<input type = "text"><br>
<label>Date of Birth:</label><br>
<input type = "date"><br>
<label>Password:</label><br>
<input type = "password"><br><br>
<input type = "submit">
</form>
<hr>
<!-- search for something on google -->
<form action = "http://www.google.com/search" target = "_blank">
  <input type = "text" name = "q">
  <input type = "submit" value = "submit">
</form>
</body>
</html>

```

- ☐ Apples
☐ Mangoes
☐ Bananas

ctrl + enter

First Name:

Last Name:

Date of Birth:

Password:

Submit

submit

Outcomes:

Successfully implemented forms in html.

Conclusion: (Conclusion to be based on the outcomes achieved)

Learnt various attributes of forms and implemented it .

Grade: AA / AB / BB / BC / CC / CD /DD

Signature of faculty in-charge with date

References:

Books/ Journals/ Websites:

- "HTML5: Black Book", Dreamtech Publication.
- "Web Technologies: Black Book", Dreamtech Publication.
- <http://www.w3schools.com>