INPUT ELEMENTS

In HTML <input type=" "> is an important element of HTML form. The "type" attribute of input element can be various types, which defines information field. Such as <input type="text" name="name"> gives a text box.

Following is the list of types of input element -

Type	Description
Text	Defines a one-line text input field
password	Defines a one-line password input field
submit	Defines a submit button to submit the form to server
reset	Defines a reset button to reset all values in the form.
radio	Defines a radio button which allows select one option.
checkbox	Defines checkboxes which allow select multiple options form.
button	Defines a simple push button, which can be programmed to perform a task on an event.
file	Defines to select the file from device storage.
image	Defines a graphical submit button.

Following is the description about attributes used in input element -

1. <input type = "text">

```
<form>
    <label>Enter first name</label><br>
```

```
<input type="text" name="firstname"><br>
<label>Enter last name</label><br>
<input type="text" name="lastname"><br>
<p><strong>Note:</strong>The</strong>The default maximum
character length is 20.</p>
</form>
```

2. <input type = "password">

```
<form>
   <label>Enter User name</label><br>
   <input type="text" name="firstname"><br>
   <label>Enter Password</label><br>
   <input type="Password" name="password"><br>
   <br><input type="submit" value="submit">
</form>
```

3. <input type = "submit">

```
<form action="https://www.javatpoint.com/html-tutorial">
   <label>Enter User name</label><br>
   <input type="text" name="firstname"><br>
   <label>Enter Password</label><br>
   <input type="Password" name="password"><br>
   <br><input type="submit" value="submit">
</form>
```

4. <input type = "reset">

```
<form>
   <label>User id: </label>
   <input type="text" name="user-id" value="user">
   <label>Password: </label>
   <input type="password" name="pass" value="pass"><br><br>
   <input type="submit" value="login">
    <input type="reset" value="Reset">
```

```
</form>
```

5. <input type = "radio">

```
<form>
 <p> Ineuron  platform </p>
 <input type="radio" name="color" value="red"> Red <br>
 <input type="radio" name="color" value="blue"> blue <br>
 <input type="radio" name="color" value="green">green <br>
 <input type="radio" name="color" value="pink">pink <br>
 <input type="submit" value="submit">
</form>
```

6. <input type = "checkbox">

```
<form>
    <label>Enter your Name:</label>
    <input type="text" name="name">
    <p>Kindly Select your favourite sports</p>
    <input type="checkbox" name="sport1" value="cricket">Cricket<br>
    <input type="checkbox" name="sport2" value="tennis">Tennis<br>
    <input type="checkbox" name="sport3"
value="football">Football<br>
    <input type="checkbox" name="sport4"
value="baseball">Baseball<br>
    <input type="checkbox" name="sport5"
value="badminton">Badminton<br><br>
    <input type="submit" value="submit">
  </form>
```

7. <input type = "button">

```
<form>
    <input type="button" value="Clcik me " onclick="alert('you are
learning HTML')">
</form>
```

8. <input type = "file">

```html
<form>
    <label>Select file to upload:</label>
    <input type="file" name="newfile">
    <input type="submit" value="submit">
</form>
```

9. <input type = "image">

```html
<html>
<body>
<h2>Input "image" type.</h2>
<p>We can create an image as submit button</p>
  <form>
    <label>User id:</label><br>
     <input type="text" name="name"><br><br>
     <input type="image" alt="Submit" src="login.png"  width="100px">
  </form>

 </body>
</html>
```

10.   <input type = "color">

```html
<form>
    Pick your Favorite color: <br><br>
    <input type="color" name="upclick" value="#a52a2a">
Upclick<br><br>
    <input type="color" name="downclick" value="#f5f5dc"> Downclick
</form>
```

This above are the different types of input html elements.