



Session 8: HTML5

Assignment Solution



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Assignment Solution– Html 5 form handling and validation

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1. Introduction

You should follow these steps to be done to solve the problem

- Create one new html file with html extension.
- And at first line of html page include - > <!DOCTYPE html> (for html5 version).
- Use html 5 new input types for form handling and validation.
- And you can test your output in supported browsers like chrome

2. Problem Solution

Follow below mentioned steps,

- 1) Define one form
- 2) Take all required input element.
- 3) Input element should be corresponding required field.
- 4) And email field should be autofocus
- 5) And all field are required , cannot be blank.
- 6) Code for the html file , will be

```
<!DOCTYPE html>
<html>
  <head>
    <script type="text/javascript">
      function updateAge() {
        var ageValue = document.getElementById("age").value;
        document.getElementById("ageValue").innerHTML = ageValue;
      }
    </script>
    <style type="text/css">
      input {
        padding: 10px;
      }
    </style>
  </head>
  <body>
    <div>
      <input type="text" id="age" value="Age" />
      <input type="button" value="Update" />
      <div id="ageValue"></div>
    </div>
  </body>
</html>
```

```
div {
    text-align: center;
}
</style>
</head>
<body>
    <center>
        <div>
            <form>
                <center> Fill the Form </center><br><br>
                <input type="email" placeholder="Email" required autofocus><br>
                <input type="password" placeholder="Password" required><br>
                <input type="url" placeholder="Your project URL" required><br>
                <input type="date" placeholder="Project completion date"
                    required><br>
                <input type="month" placeholder="Current month" required><br>
                <input type="week" placeholder="Current week" required><br>
                <input type="time" placeholder="Current time" required><br>
                Select color : <input type="color" required><br>
                Age :<input type="range" id="age" onchange="updateAge()"
                    required><br>
                <label id="ageValue"></label><br>
                Hobbies : <input list="hobbies" required/>
                <datalist id="hobbies">
                    <option value="chess">
                    <option value="coding">
                    <option value="travelling">
                    <option value="skiing">
                    <option value="Cricket">
                </datalist><br>
                <input type="submit">
            </form>
        </div>
    </center>
</body>
</html>
```

3. Output

