

NAME: VINAY REDDY MALLIDI

SLOT: E1

REG.NO: 15BCE0687

FACULTY: BALASUBRAMANIAN V

LAB ACTIVITY-1

(HTML)

SOURCE CODE:

```
<!DOCTYPE html>

<html>

<head>
<style>
    body {
        text-align:left;
        background-color: gray;
    }
    input{
        text-align:left;
        width: 50%;
        padding: 12px 20px;
        margin: 8px 0;
        display: inline-block;
        border: 1px solid #ccc;
        border-radius: 4px;
        box-sizing: border-box;
    }
    input:not(focus) {
        background: url("symbol.png") right;
        background-repeat: no-repeat;
```

```
background-origin: content-box;
background-color: white;
border: 2px solid grey;
border-radius: 4px;
}
```

```
input:focus {
    border: 2px solid #00ff00;
    border-radius: 4px;
}
```

```
input:valid {
    background: url("valid.png") right;
    background-repeat: no-repeat;
    background-origin: content-box;
    background-color: white;
    border: 2px solid green;
    border-radius: 4px;
}
```

```
input:focus:invalid {
    background: url("invalid.png") right;
    background-repeat: no-repeat;
    background-origin: content-box;
    background-color: white;
    border: 2px solid red;
    border-radius: 4px;
}
```

```
input[type=submit] {
    width: 40%;
    background: none;
    background-color: rgb(255, 71, 45);
    text-align:center;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}

div {
    border-radius: 15px 50px 30px 5px;
    background-color: #f2f2f2;
    margin: 0px 0px 0px 350px;
    padding: 20px;
    width: 50%;
    box-shadow: 1px 1px 5px #888888;
}

</style>
</head>

<body>

<div id="form"><center>

<h1 style="border:1px solid red;border-radius: 12px;background-color:rgb(255, 71, 45) ;color: white;
width:80%; ">HTML and CSS Form Validation</h1>
```

```
<form action="http://www.google.com">

  <input type="text" name="username" pattern="[A-Za-z]{3,10}" title="Username should be 3-10 letters
only" required placeholder="Username" ><br>

  <input type="password" name="password" pattern="[A-Za-z]{3,10}" title="Password should be 3-10
letters only" required placeholder="Password"><br>

  <input type="email" name="emailid" required placeholder="Email ID"><br>

  <input type="text" name="mobno" pattern="[0-9]{10}" title="Mobile number should be 10 digits"
required placeholder="Mobile Number"><br>

  <input type="url" required placeholder="Web Address"><br>

  <input type="submit" value="Sign In"><br>
</form>
</div>
</body>
</html>
```

OUTPUT:

The screenshot shows a web browser window with a single tab titled 'a1.html'. The address bar shows the file path 'file:///C:/Users/vinay/Desktop/html/a1/a1.html'. The page content features a light gray rounded rectangle centered on a dark gray background. At the top of this rectangle is a red button with the text 'HTML and CSS Form Validation'. Below the button are five white input fields, each with a red asterisk on the right side. The fields are labeled 'Username', 'Password', 'Email ID', 'Mobile Number', and 'Web Address'. At the bottom of the rounded rectangle is a red button with the text 'Sign In'.

