Output:

Select a club from the list:

Barcelona ⌄

Select a club from the list:

Real Madrid ⌄

Your club is Real madrid

Figure 1:OnChange

Onclick event:

Click me

Onclick event:

Click me

You just clicked a button

Figure 2;OnClick

Conclusion:

Hence the objective of the lab was successsfully implemented.

Code:

```html
<!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" />
    <style></style>
    <title>Document</title>
    <link rel="stylesheet" href="style.css">
    <script src="script.js"></script>
  </head>
  <body>
    <h1>Form validation</h1>
    <form
      action=""
      name="myform"
      onsubmit="return formvalidate()"
      method="post"
    >
      <div class="formdesign" id="fname">
        First name: <input type="text" name="fname" />
        <span class="formerror"></span>
      </div>
      <div class="formdesign" id="lname">
```

```html
      Last name: <input type="text" name="lname" />
      <span class="formerror"></span>
    </div>
    <div class="formdesign" id="email">
      Email: <input type="email" name="email" />
      <span class="formerror"></span>
    </div>
    <div class="formdesign" id="pass">
      Password: <input type="password" name="pass" />
      <span class="formerror"></span>
    </div>
    <div class="formdesign" id="cpass">
      Conform Password: <input type="password" name="cpass" />
      <span class="formerror"></span>
    </div>
    <div class="formdesign" id="add">
      Address: <input type="text" name="add" />
      <span class="formerror"></span>
    </div>
    <input type="submit" value="Submit" class="btn" />
  </form>

  </body>
</html>
```

The .js file is written below:

```javascript
function clearerror() {

  errors = document.getElementsByClassName("formerror");

  for (let x of errors) {

    x.innerHTML = "";

  }

}


  function seterror(id, error) {

   element = document.getElementById(id);

   element.getElementsByClassName("formerror")[0].innerHTML = error;

  }

  function formvalidate() {

   var valreturn = true;

   clearerror();

   var fname = document.forms["myform"]["fname"].value;

   if (fname.length < 6) {

     seterror("fname", "**Your first name is too short");

     valreturn = false;

   }

   if (fname.length == 0) {

     seterror("fname", "**Your first name cannot be empty");

     valreturn = false;

   }

   var lname = document.forms["myform"]["lname"].value;

   if (lname.length < 6) {

     seterror("lname", "**Your Last name is too short");

     valreturn = false;
```

```javascript
    }
    if (lname.length == 0) {
      seterror("lname", "**Your last name cannot be empty");
      valreturn = false;
    }
    var email = document.forms["myform"]["email"].value;
    if (email.length > 15) {
      seterror("email", "**Your email lenght is too long");
      valreturn = false;
    }
    var pass = document.forms["myform"]["pass"].value;
    if (pass.length < 6) {
      seterror("pass", "**Your password is too short");
      valreturn = false;
    }
    var cpass = document.forms["myform"]["cpass"].value;
    if (cpass != pass) {
      seterror("cpass", "**Your password is not matching");
      valreturn = false;
    }
    var add = document.forms["myform"]["add"].value;
    if (add.length < 6) {
      seterror("add", "**Your length of address is too short");
      valreturn = false;
    }
    return valreturn;
}
```

Output:

Form validation

First name: | utsab | **Your first name is too short

Last name: | singh | **Your Last name is too short

Email: | utsabsingh5@gmail.com | **Your email lenght is too long

Password: | .... |

Conform Password: | ...... | **Your password is not matching

Address: | kirtipur |

Submit

Conclusion:

Hence the objective of the lab was successsfully implemented.

Output:

```
Output                              [icons]

[-] root  ..
    [-] h:table  ..
            @xmlns:h: http://www.w3.org/TR/html4/
        [-] h:tr  ..
                h:td  Cow

                h:td  Dog

    [-] f:table  ..
            @xmlns:f: https://www.w3schools.com/furniture
            f:name  Kitchen

            f:width  300

            f:length  400
```
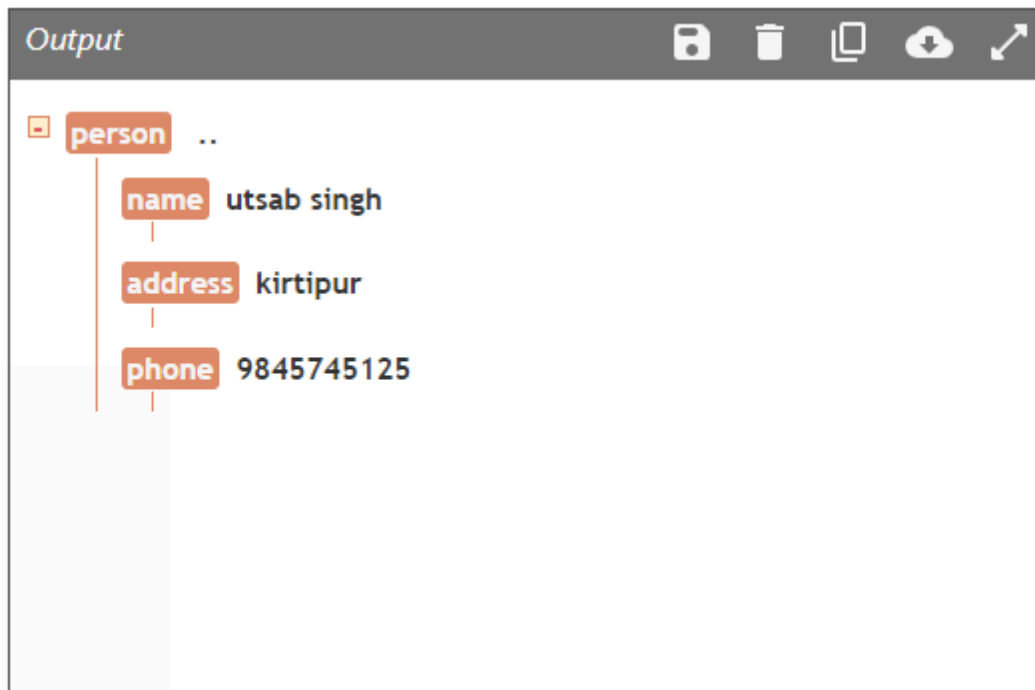
R

Conclusion:

Hence the objective of the lab were successsfully implemented.

Output:

Conclusion:

Hence the objective of the lab was successsfully implemented.