**Assignment-3**

**Question-1)**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Mouseover and Mouseout</title>

</head>

<body>

    <p onmouseover="this.innerHTML='JavaScript is Awesome.'"

            onmouseout="this.innerHTML='JavaScript is a Programming Language.'">JavaScript is a Programming Language.</p>

    </script>

</body>

</html>

**Question-2)**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=S, initial-scale=1.0">

    <title>Browser Information</title>

</head>

<body>

    <script>

        alert("\nLanguage: "+navigator.language+"\nApp Code Name: "+navigator.appCodeName+"\nApp Name: "+navigator.appName+"\nApp Version"+navigator.appVersion);

    </script>

</body>

</html>

**Question-3)**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Form Validation</title>

</head>

<style>

    .centerdv{

        margin-left: auto;

        margin-right: auto;

        text-align: center;

    }

</style>

<body>

    <div class="container centerdv">

        <form method="POST">

            <p>Username: <input type="text" id="username"></p>

            <p>Password: <input type="password" id="pass"></p>

            <br>

            <button type="button" onclick="validate()">Submit</button>

            </form>

            <p id="demo1"></p>

            <p id="demo2"></p>

        </div>

    <script>

        function validate(){

            var x,y,u,p;

            x=document.getElementById("username").value;

            y=document.getElementById("pass").value;

            if(x!=" "){

                u="Username is Valid";

            }else{

                u="Username is Invalid";

            }

            if(y.length>6){

                p="Password is Valid";

            }else{

                p="Password is Invalid";

            }

            document.getElementById("demo1").innerHTML=u;

            document.getElementById("demo2").innerHTML=p;

        }

    </script>

</body>

</html>