**Java Script repo 2**

**16-**june**-2021**

**-june-2021**

**Mouseover and mouseout Events**

<html>

    <head>

        <title>Mouseover and Mouseout</title>

        <script type="text/javaScript">

        function setNewimage()

        {

           document.getElementById("image1").src="image/img2.jpg";

           //border radius="20";

        }

        function setoldimage()

        {

            document.getElementById("image1").src="image/img1.jpg";

        }

        </script>

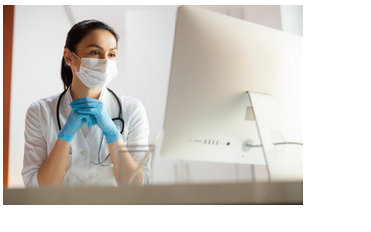
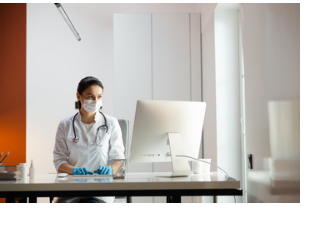
    </head>

    <body>

        <img id="image1" onmouseover="setNewimage()" onmouseout="setoldimage()" src="mouseover/image/img1.jpg" width="300"/>

    </body>

</html>



**For connecting two pages**

window.location.href="success.html";

**Code on regular Expression**



<html>

    <head>

        <title>E00 Validation</title>

        <script type="text/javascript">

        function validate()

        {

            var username=document.getElementById("uname").value;

            var regx=/CSE/i;

            if(regx.test(username))

            {

                alert("Valid username ");

            }

            else

            {

                alert("Invalid username ");

                document.getElementById("lcheck").style.visibility="visible";

            }

        }

        </script>

    </head>

    <body>

        <form>

            <input type="text" id="uname" placeholder="Enter your username ">

            <label id="lcheck" style="color:red;visibility: hidden;">Invalid Userid</label><br><br>

            <button type="button" onclick="validate()"> <b>submit</b></button>

        </form>

    </body>

</html>

**Valid and invalid data changes**

//regx = new RegExp("[A00]CSE","i");

            //var regx=/[A-X][0-9]CSE/i;

            //var regx=/[^a][cse].gmail.com[1-9]roy/;// this can be use to check valid and invalid

            var regx=/[^a]abc/i;

**Complete code**

<html>

    <head>

        <title>CSE Validation</title>

        <script type="text/javascript">

        function validate()

        {

            var username=document.getElementById("uname").value;

           //regx = new RegExp("[A00]CSE","i");

            //var regx=/[A-X][0-9]CSE/i;

            //var regx=/[^a][cse].gmail.com[1-9]roy/;// this can be use to check valid and invalid

            var regx=/[^a]abc/i;

            if(regx.test(username))

            {

                alert("Valid username ");

                //window.location.href="success.html";

                document.getElementById("lcheck").style.visibility="hidden";

            }

            else

            {

                alert("Invalid username ");

                document.getElementById("lcheck").style.visibility="visible";

            }

        }

        </script>

    </head>

    <body>

        <form>

            <input type="text" id="uname" placeholder="Enter your username ">

            <label id="lcheck" style="color:red;visibility: hidden;">Invalid Userid</label><br><br>

            <button type="button" onclick="validate()"> <b>submit</b></button>

        </form>

    </body>

</html>

Character set on regular expression

**Some of the key terms or character with explanation**

* \d = match any digit from [0-9]
* \w = match any word character (a-z, A-Z, 0-9 & \_)
* \s = match witespace character(eg ;- spaces and tabs )
* \t = match a tab only