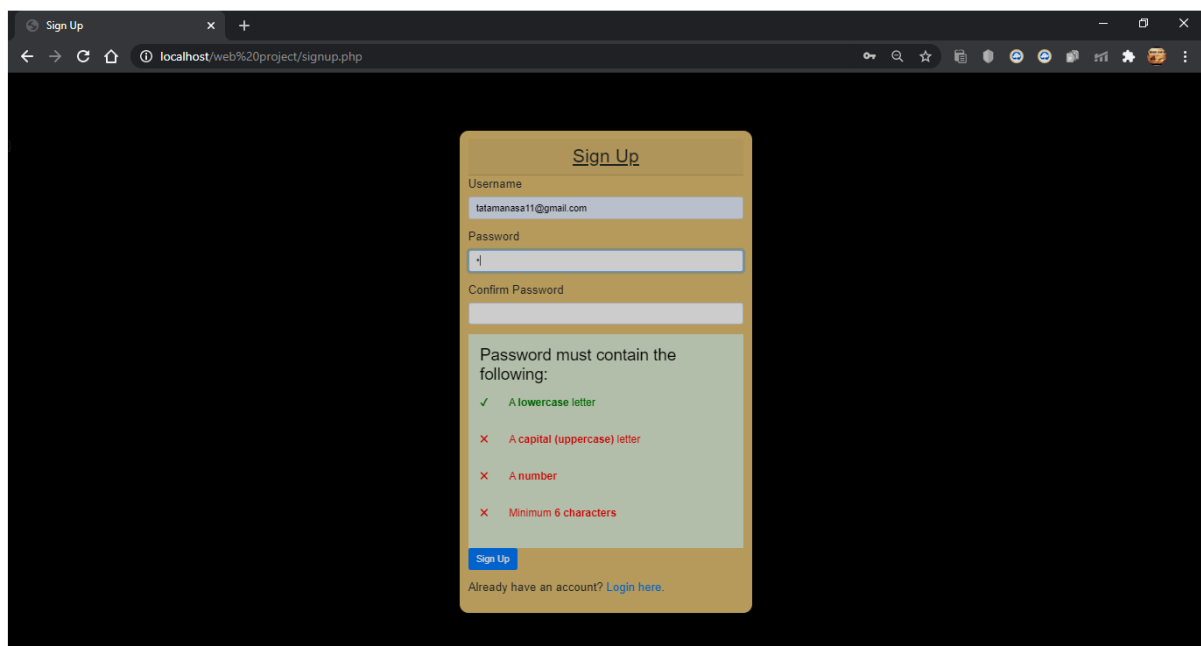# Experiment 6: Dynamic web page validation using JavaScript

Aim: To make a dynamic web page validation using JavaScript

Implementation:

Output:

Code:

```
<script>
    var myInput = document.getElementById("password");

    var myInput2 = document.getElementById("confirmPassword");

    var letter = document.getElementById("letter");

    var capital = document.getElementById("capital");

    var number = document.getElementById("number");

    var length = document.getElementById("length");


    // When the user clicks on the password field, show the message box

    // myInput.onfocus = function() {
```

```
//   document.getElementById("message").style.display = "block";

// }


// // When the user clicks outside of the password field, hide the message box

// myInput.onblur = function() {

//   document.getElementById("message").style.display = "none";

// }


// When the user starts to type something inside the password field

myInput.onkeyup = function() {

  // Validate lowercase letters

  var lowerCaseLetters = /[a-z]/g;

  if(myInput.value.match(lowerCaseLetters)) {

    letter.classList.remove("invalid");

    letter.classList.add("valid");


  } else {

    letter.classList.remove("valid");

    letter.classList.add("invalid");


  }


  // Validate capital letters

  var upperCaseLetters = /[A-Z]/g;

  if(myInput.value.match(upperCaseLetters)) {

    capital.classList.remove("invalid");

    capital.classList.add("valid");


  } else {

    capital.classList.remove("valid");

    capital.classList.add("invalid");
```

```
        }


        // Validate numbers
        var numbers = /[0-9]/g;
        if(myInput.value.match(numbers)) {
          number.classList.remove("invalid");
          number.classList.add("valid");


        } else {
          number.classList.remove("valid");
          number.classList.add("invalid");


        }


        // Validate length
        if(myInput.value.length>=1)
        {
          document.getElementById("message").style.display = "block";
        }
        else
          document.getElementById("message").style.display = "none";
        if(myInput.value.length >= 6) {
          length.classList.remove("invalid");
          length.classList.add("valid");


        } else {
          length.classList.remove("valid");
          length.classList.add("invalid"); }  }
    </script>
```

<u>Result:</u>The experiment was successfully completed.