Assignment 1b

33218

Input:

```
function validateForm() {
  var name = document.getElementById("Name").value;
  var username = document.getElementById("Username").value;
  var password = document.getElementById("Password").value;
  var email = document.getElementById("Email").value;
  if (
    name === "" ||
    username === "" ||
    password === "" ||
    email === ""
  ) {
    alert("Please fill in all required fields");
    return false;
  }
  if (!name || !/^[a-zA-Z\s]+$/.test(name)) {
    alert("Please enter a valid name with only letters");
    return false;
  }
  if (email.indexOf("@") === -1 || email.indexOf(".") === -1) {
    alert("Please enter a valid email address");
    return false;
  }
  if (
    !password ||
    password.length < 8
  ) {
    alert(
      "Please enter a valid password with at least 8 characters, one digit, and one special character"
    );
    return false;
  }
  return true;
}
```

```javascript
// script.js
document.addEventListener("DOMContentLoaded", function () {
  document.getElementById("registrationForm").addEventListener("submit", function (event) {
    event.preventDefault();
    if (validateForm()) {
      var name = document.getElementById("Name").value;
      var username = document.getElementById("Username").value;
      var password = document.getElementById("Password").value;
      var email = document.getElementById("Email").value;
      var gender = document.querySelector('input[name="Gender"]:checked') ?
document.querySelector('input[name="Gender"]:checked').value : "";
      var user = {
        name: name,
        username: username,
        password: password,
        email: email,
        gender: gender,
      };
      var xhr = new XMLHttpRequest();
      xhr.open("POST", "http://127.0.0.1:5500", true);
      xhr.setRequestHeader("Content-Type", "application/json");
      xhr.onreadystatechange = function () {
        if (xhr.readyState === 4 && xhr.status === 200) {
          console.log(xhr.responseText);
        }
      };
      var userJSON = JSON.stringify(user);
      // Send the POST request with user data
      xhr.send(userJSON);
      var users = JSON.parse(localStorage.getItem("users")) || [];
      users.push(user);
      localStorage.setItem("users", JSON.stringify(users));
      window.location.href = "data-list.html";
    }
  });
```

});

Output :