**Web Design and Development Foundations with HTML5**

**Fill in the Missing Code**

<!DOCTYPE html>

<html lang="en">

<head>

<title>JavaScript Practice</title>

<meta charset="utf-8">

</head>

<body>

<h1>Using JavaScript</h1>

<script>

var userSong;

userSong = prompt("Please enter your favorite song title.");

document.write("Your favorite song is: ", userSong);

</script>

</body>

</html>

**Find the Error**

**Before:**

<!DOCTYPE html>

<html lang="en">

<head>

<title>JavaScript Practice</title>

<meta charset="utf-8">

<script>

function validateForm() {

if (document.forms[0].userName.value == "") {

aert("Name field cannot be empty.");

return false;

} // end if

aert("Name and age are valid.");

return true;

} // end function validateForm

</script>

</head>

<body>

<h1>JavaScript Form Handling</h1>

<form method="post" action="http://webdevbasics.net/scripts/demo.php" onsubmit="return validateUser();">

<label>Name: <input type="text" name="userName"></label>

<br>

<input type="submit" value="Send information">

</form>

</body>

</html>

**After:**

<!DOCTYPE html>

<html lang="en">

<head>

<title>JavaScript Practice</title>

<meta charset="utf-8">

<script>

function validateForm() {

if (document.forms[0].userName.value == "") {

alert("Name field cannot be empty.");

return false;

} // end if

if (document.forms[0].userAge.value < 18) {

alert("Age is less than 18. You are not an adult.");

return false;

} // end if

alert("Name and age are valid.");

return true;

} // end function validateForm

</script>

</head>

<body>

<h1>JavaScript Form Handling</h1>

<form method="post" action="http://webdevbasics.net/scripts/demo.php" onsubmit="return validateForm();">

<label for="userName">Name: </label>

<input type="text" name="userName" id="userName">

<br>

<label for="userAge">Age: </label>

<input type="text" name="userAge" id="userAge">

<br>

<input type="submit" value="Send information">

</form>

</body>

</html>

* The spelling errors with “alert()” were corrected.
* An if statement was added for validating userAge.
* “validateUser” was amended to “validateForm” at the form submission.
* Labels mix ups were corrected and a userAge label and input were added.