

```
<!DOCTYPE html>

<html>

<head>

<title>Student Evaluation</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 30px;

}

.main-box {

border: 1px solid black;

padding: 20px;

width: 320px;

}

input {

width: 90%;

margin-bottom: 12px;

padding: 5px;

}

button {

padding: 8px;

margin-top: 5px;

cursor: pointer;
```

```
}  
  
#outBox {  
  
margin-top: 15px;  
  
font-weight: bold;  
  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div class="main-box">  
  
<h2>Student Performance Evaluation</h2>  
  
<form>  
  
<label>Student Name:</label><br>  
  
<input type="text" id="sName"><br>  
  
<label>Student ID:</label><br>  
  
<input type="text" id="sId"><br>  
  
<label>Marks (0 - 100):</label><br>  
  
<input type="number" id="sMarks"><br>  
  
<button type="button" onclick="evaluateStudent()">Evaluate</button>  
  
<button type="reset" onclick="clearData()">Reset</button>  
  
</form>  
  
<div id="outBox"></div>  
  
</div>
```

```
<script>

// clear old output when reset

function clearData() {

document.getElementById("outBox").innerHTML = "";

}

function evaluateStudent() {

// get values from textboxes

var name = document.getElementById("sName").value;

var id = document.getElementById("sId").value;

var markStr = document.getElementById("sMarks").value;

var m = Number(markStr);

// validate marks 0 to 100

if (markStr == "" || m < 0 || m > 100) {

alert("Invalid marks! Please enter between 0 and 100.");

return;

}

var grade = "";

var status = "";

// check grades

if (m >= 75) {

grade = "A";

} else if (m >= 65) {
```

```
grade = "B";

} else if (m >= 55) {

grade = "C";

} else if (m >= 40) {

grade = "D";

} else {

grade = "F";

}

// check pass or fail

if (grade == "F") {

status = "Fail";

} else {

status = "Pass";

}

// show output

document.getElementById("outBox").innerHTML =

"Student Name: " + name + "<br>" +

"Student ID: " + id + "<br>" +

"Marks: " + m + "<br>" +

"Grade: " + grade + "<br>" +

"Status: " + status;

// bonus: clear textboxes
```

```
document.getElementById("sName").value = "";
document.getElementById("sId").value = "";
document.getElementById("sMarks").value = "";
}
</script>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<title>Customer Service Page</title>
<style>
body {
background-color: #f0f0f0;
font-family: sans-serif;
padding: 30px;
}
```

```
.form-box {  
  
background-color: white;  
  
padding: 20px;  
  
width: 350px;  
  
margin: auto;  
  
border: 1px solid black;  
  
}  
  
h2 {  
  
text-align: center;  
  
color: blue;  
  
}  
  
input[type="text"], select, textarea {  
  
width: 100%;  
  
margin-bottom: 10px;  
  
}  
  
.btn-submit {  
  
width: 100%;  
  
padding: 10px;  
  
background-color: green;  
  
color: white;  
  
cursor: pointer;  
  
margin-bottom: 5px;  
  
}
```

```
.btn-reset {
width: 100%;
padding: 10px;
background-color: red;
color: white;
cursor: pointer;
}
</style>
</head>
<body>
<div class="form-box">
<h2>Order Form</h2>
<form id="orderForm">
<label>Name:</label><br>
<input type="text" id="custName"><br>
<label>Gender:</label><br>
<input type="radio" name="g" value="M" id="m1"> Male
<input type="radio" name="g" value="F" id="f1"> Female
<br><br>
<label>Category:</label><br>
<select id="itemType">
<option value="none">Select</option>
```

```
<option value="Food">Food</option>

<option value="Electronic">Electronic</option>

</select>

<br><br>

<label>Interested In:</label><br>

<input type="checkbox" id="c1"> Web

<input type="checkbox" id="c2"> Mobile

<br><br>

<label>Comments:</label><br>

<textarea id="msg" rows="3"></textarea><br>

<button type="button" class="btn-submit" onclick="saveData()">Submit</button>

<button type="reset" class="btn-reset">Reset</button>

</form>

</div>

<script>

function saveData() {

let name = document.getElementById("custName").value;

let category = document.getElementById("itemType").value;

if (name == "") {

alert("Please enter your name");

}

else if (category == "none") {
```

```
alert("Please select a category");

}

else {

alert("Success! Thank you " + name);

// Using an Array and Loop (From Page 54 & 56 of your PDF)

let steps = ["Validation OK", "Connecting Server", "Data Saved"];

for(let i = 0; i < steps.length; i++) {

console.log("Status: " + steps[i]);

}

}

}

</script>

</body>

</html>
```

```
<!DOCTYPE html>

<html>

<head>

<title>iMac Official Store</title>

<style>
```

```
body {  
  
background-color: #f5f5f7;  
  
font-family: 'Segoe UI', Arial, sans-serif;  
  
padding: 20px;  
  
}  
  
.shop-header {  
  
text-align: center;  
  
padding: 10px;  
  
color: #1d1d1f;  
  
}  
  
.main-card {  
  
background-color: white;  
  
width: 550px;  
  
margin: auto;  
  
border: 1px solid #ddd;  
  
border-radius: 12px;  
  
overflow: hidden;  
  
box-shadow: 0 4px 12px rgba(0,0,0,0.1);  
  
}  
  
.image-container {  
  
text-align: center;  
  
background-color: #fff;  
  
padding: 20px;
```

```
}  
  
.product-image {  
max-width: 100%;  
height: auto;  
}  
  
.form-section {  
padding: 25px;  
}  
  
table {  
width: 100%;  
}  
  
td {  
padding: 8px 5px;  
}  
  
input[type="text"], input[type="number"], select, textarea {  
width: 100%;  
padding: 10px;  
border: 1px solid #ccc;  
border-radius: 5px;  
box-sizing: border-box;  
}  
  
.btn-submit {  
background-color: #0071e3;
```

```
color: white;

padding: 12px;

width: 100%;

border: none;

border-radius: 8px;

font-size: 16px;

cursor: pointer;

margin-top: 15px;

}

.btn-reset {

background-color: #e8e8ed;

color: #1d1d1f;

padding: 12px;

width: 100%;

border: none;

border-radius: 8px;

font-size: 16px;

cursor: pointer;

margin-top: 8px;

}

#orderSummary {

margin-top: 20px;

padding: 15px;
```

```
background-color: #f9f9f9;

border-radius: 8px;

}

</style>

</head>

<body>

<div class="shop-header">

<h1>iTech Digital Store</h1>

<p>Your Trusted Apple Partner</p>

</div>

<div class="main-card">

<div class="image-container">



</div>

<div class="form-section">

<h2 style="text-align: center;">Order Your iMac</h2>

<form id="orderForm">

<table>

<tr>
```

```
<td width="35%">Name:</td>
<td><input type="text" id="custName"></td>
</tr>
<tr>
<td>Age:</td>
<td><input type="number" id="custAge"></td>
</tr>
<tr>
<td>Model:</td>
<td>
<select id="iMacModel">
<option value="iMac 21.5">iMac 21.5-inch</option>
<option value="iMac 24">iMac 24-inch M3</option>
<option value="iMac 27">iMac 27-inch Retina</option>
</select>
</td>
</tr>
<tr>
<td>Color:</td>
<td>
<input type="radio" name="color" value="Silver" checked> Silver
<input type="radio" name="color" value="Blue"> Blue
</td>
```

```
</tr>

<tr>

<td>Add-ons:</td>

<td>

<input type="checkbox" id="acc1" value="Keyboard"> Magic Keyboard <br>

<input type="checkbox" id="acc2" value="Mouse"> Magic Mouse

</td>

</tr>

<tr>

<td>Note:</td>

<td><textarea id="address" rows="2"></textarea></td>

</tr>

<tr>

<td>Qty:</td>

<td><input type="number" id="orderQty" value="1"></td>

</tr>

</table>

<button type="button" class="btn-submit" onclick="processOrder()">Confirm Order</button>

<button type="reset" class="btn-reset" onclick="clearOutput()">Reset Form</button>

</form>

<div id="orderSummary"></div>

</div>
```

```
</div>
```

```
<script>
```

```
function clearOutput() {
```

```
document.getElementById("orderSummary").innerHTML = "";
```

```
}
```

```
function processOrder() {
```

```
var name = document.getElementById("custName").value;
```

```
var age = document.getElementById("custAge").value;
```

```
var model = document.getElementById("iMacModel").value;
```

```
var qty = document.getElementById("orderQty").value;
```

```
if (name == "" || age == "") {
```

```
alert("Fields cannot be empty!");
```

```
return;
```

```
}
```

```
var type = (age >= 18) ? "Adult" : "Student";
```

```
var i = 1;
```

```
while (i <= qty) {
```

```
console.log("Processing item " + i);
```

```
i++;
```

```
}
```

```
document.getElementById("orderSummary").innerHTML =
```

```
"Customer: " + name + " (" + type + ")<br>" +
```

```
"Model: " + model + " | Qty: " + qty;
```

```
alert("Order Success!");
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Student Results</title>
```

```
<style>
```

```
body {
```

```
background-color: #f4f4f4;
```

```
font-family: Arial, sans-serif;
```

```
padding: 20px;
}

.container {
background-color: white;
padding: 20px;
width: 380px;
margin: auto;
border: 1px solid #000;
}

h2 {
text-align: center;
}

input {
width: 100%;
margin-bottom: 15px;
padding: 8px;
box-sizing: border-box;
}

.btn {
width: 100%;
padding: 10px;
background-color: #333;
color: white;
```

```
cursor: pointer;

}

#output {

margin-top: 20px;

font-weight: bold;

color: blue;

}

</style>

</head>

<body>

<div class="container">

<h2>Exam Results</h2>

<label>Subject 1 Marks:</label>

<input type="number" id="s1">

<label>Subject 2 Marks:</label>

<input type="number" id="s2">

<button type="button" class="btn" onclick="checkResults()">Calculate Result</button>

<button type="reset" class="btn" style="background-color: grey; margin-top: 5px;"

onclick="window.location.reload()">Reset</button>

<div id="output"></div>

</div>

<script>
```

```
function checkResults() {  
  // Get values from inputs  
  let m1 = document.getElementById("s1").value;  
  let m2 = document.getElementById("s2").value;  
  
  // Convert strings to numbers  
  let sub1 = Number(m1);  
  let sub2 = Number(m2);  
  
  let total = sub1 + sub2;  
  let average = total / 2;  
  
  let grade = "";  
  let status = "";  
  
  // Check Grade for Average (PDF Page 55 logic)  
  if (average >= 75) {  
    grade = "A";  
  }  
  
  else if (average >= 65) {  
    grade = "B";  
  }  
  
  else if (average >= 50) {  
    grade = "C";  
  }  
  
  else {
```

```
grade = "S";  
  
}  
  
// Check Pass or Fail  
if (average >= 40) {  
status = "PASS";  
} else {  
status = "FAIL";  
}  
  
// Display Output  
document.getElementById("output").innerHTML =  
"Total Marks: " + total + "<br>" +  
"Average: " + average + "<br>" +  
"Grade: " + grade + "<br>" +  
"Final Result: " + status;  
}  
  
</script>  
  
</body>  
  
</html>
```