ITS 362 005

Lab 02 – JavaScript Programming

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January 28, 2022

**Objectives:**

1. To create a client-side application using JavaScript
2. To get familiar with the JavaScript development process
3. To learn how to program and debug in JavaScript
4. To learn to use JavaScript code and events to interact with HTML elements

**Tasks:**

Based upon what you created in Lab 1, add JavaScript code and events and a button to your grading HTML page so that when the button is clicked the results of scoring a student redirect the student to different web pages based on their final grade. If the grade is an “A”, then display a message that says the student did an excellent job and redirect the student to a webpage online. Redirect the other grades to separate web pages you create that post some advice on how to improve their grade. Put the decision logic into function(s). Put any JavaScript functions into a separate JavaScript file.

Please pay attention to your **coding style**. At this point, you should have developed a good habit of writing professional type of programming code.

Please do not use any JavaScript frameworks/libraries which have not been covered in the course.

You should have at least 3 separate code files: .html, .css, and .js.

**Deliverables:**

An electronic copy of your all your code files (.html, .css, .js) and screen shots must be submitted to Brightspace. Please zip everything.

**Student submits scores for a A:**

Table

Description automatically generated

**Student is redirected to pnw website for Fall 2021 Honor Roll – you can do a search to see if you are listed (Also, you can use the back arrow to take you back to the original page):**

Text

Description automatically generated

**Student submits scores for a B:**

Table

Description automatically generated

**Student is directed to gradeB.html with an option to click the button and return to original webpage:**

Graphical user interface, text, application

Description automatically generated

**Student clicks button and it taken to a blank original page**:

Table

Description automatically generated

**Student submits scores for a C:**

**Table

Description automatically generated**

**Student is directed to gradeC.html with an option to click the button and return to original webpage:**

**Graphical user interface, text, application, email

Description automatically generated**

**Student clicks button and it taken to a blank original page**:

Table

Description automatically generated

**Student submits scores for a D:**

**Table

Description automatically generated**

**Student is directed to gradeD.html with an option to click the button and return to original webpage:**

**Graphical user interface, text, application, email

Description automatically generated**

**Student clicks button and it taken to a blank original page**:

Table

Description automatically generated

**Student submits scores for a F:**

**Table

Description automatically generated**

**Student is directed to gradeF.html with an option to click the button and return to original webpage:**

**Graphical user interface, text, application, email

Description automatically generated**

**Student clicks button and it taken to a blank original page**:

**Table

Description automatically generated**