ITS 362 005 Lab 02 – JavaScript Programming Sharyl Riley 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.

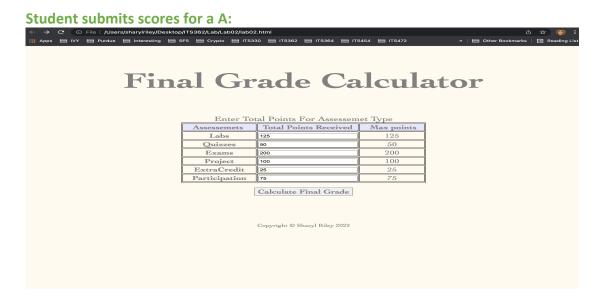
Please pay attention to your **coding style**. At this point, you should have developed a good habit of writing professional type of programming code.

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.

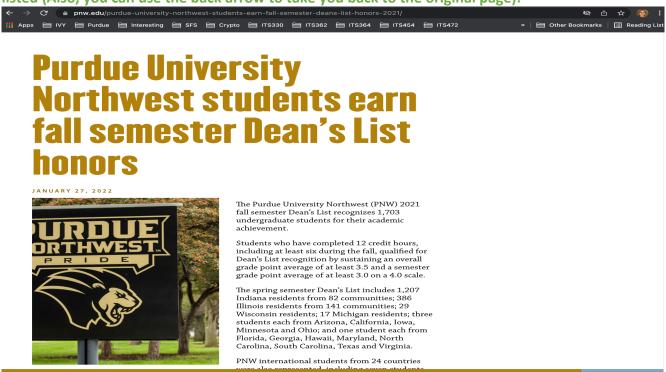
Deliverables:

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

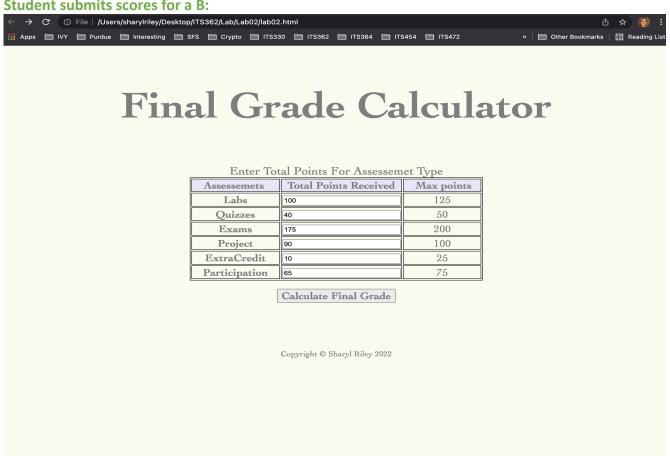


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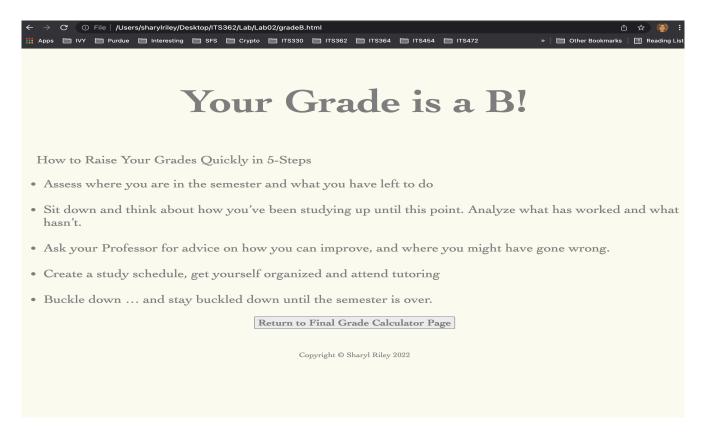
Student is redirected to pnw website for Fall 2021 Honor Roll – you can do a search to see if you are listed (Also, you can use the back arrow to take you back to the original page):



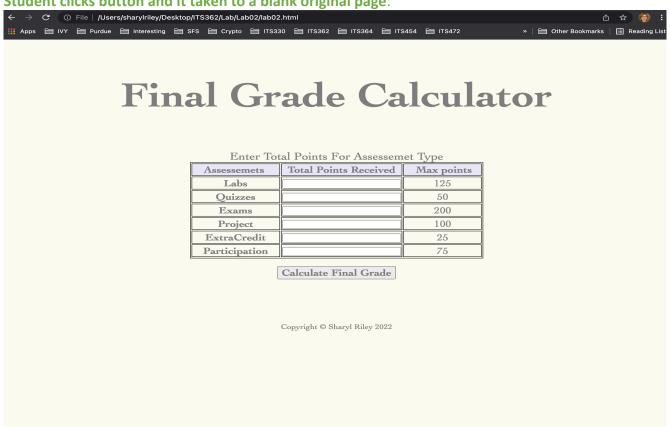
Student submits scores for a B:



ITS362 Lab02 2 of 8 Student is directed to gradeB.html with an option to click the button and return to original webpage:



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



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Student submits scores for a C:

C ① File / /Users/sharylriley/Desktop/ITS362/Lab/Lab02/lab02.html

Apps 🗎 IVY 🔚 Purdue 🗎 Interesting 🗎 SFS 🗎 Crypto 🗎 ITS330 🗎 ITS362 🗎 ITS364 🗎 ITS454 🗎 ITS472



Enter Total Points For Assessemet Type

Assessemets	Total Points Received	Max points
Labs	85	125
Quizzes	30	50
Exams	150	200
Project	70	100
ExtraCredit	10	25
Participation	50	75

Calculate Final Grade

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



Your Grade is a C!

How to Raise Your Grades Quickly in 5-Steps

- Assess where you are in the semester and what you have left to do
- Sit down and think about how you've been studying up until this point. Analyze what has worked and what hasn't.
- · Ask your Professor for advice on how you can improve, and where you might have gone wrong.
- Create a study schedule, get yourself organized and attend tutoring
- Buckle down ... and stay buckled down until the semester is over.

Return to Final Grade Calculator Page

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

Apps 🗎 IVY 🗎 Purdue 🗎 Interesting 🗎 SFS 🗎 Crypto 🗎 ITS330 🗎 ITS362 🗎 ITS364 🗎 ITS454 🗎 ITS472



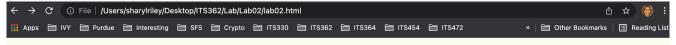
Enter Total Points For Assessemet Type

Assessemets	Total Points Received	Max points
Labs		125
Quizzes		50
Exams		200
Project		100
ExtraCredit		25
Participation		75

Calculate Final Grade

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Student submits scores for a D:



Final Grade Calculator

Enter Total Points For Assessemet Type

Assessemets	Total Points Received	Max points
Labs	85	125
Quizzes	30	50
Exams	150	200
Project	70	100
ExtraCredit	0	25
Participation	50	75

Calculate Final Grade

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



How to Raise Your Grades Quickly in 5-Steps

C ① File | /Users/sharylriley/Desktop/ITS362/Lab/Lab02/gradeD.html

- Assess where you are in the semester and what you have left to do
- Sit down and think about how you've been studying up until this point. Analyze what has worked and what hasn't.
- Ask your Professor for advice on how you can improve, and where you might have gone wrong.
- Create a study schedule, get yourself organized and attend tutoring
- Buckle down ... and stay buckled down until the semester is over.

Return to Final Grade Calculator Page

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

← → C ⊙ File | /Users/sharyIriley/Desktop/iTS362/Lab/Lab02/lab02.html



Enter Total Points For Assessemet Type

Assessemets	Total Points Received	Max points
Labs		125
Quizzes		50
Exams		200
Project		100
ExtraCredit		25
Participation		75

Calculate Final Grade

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Student submits scores for a F:



☐ SFS ☐ Crypto ☐ ITS330 ☐ ITS362 ☐ ITS364 ☐ ITS454 ☐ ITS472

Enter Total Points For Assessemet Type

Assessemets	Total Points Received	Max points
Labs	50	125
Quizzes	20	50
Exams	120	200
Project	50	100
ExtraCredit	0	25
Participation	25	75

Calculate Final Grade

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Student is directed to gradeF.html with an option to click the button and return to original webpage: ← → C ① File | /Users/sharylriley/Desktop/ITS362/Lab/Lab02/gradeF.html ② ☆ ⑥ :



Your Grade is an F!

How to Raise Your Grades Quickly in 5-Steps

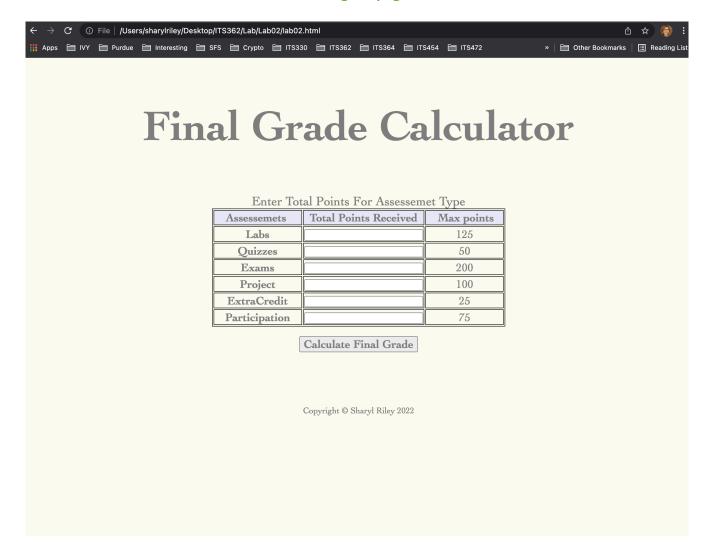
- Assess where you are in the semester and what you have left to do
- Sit down and think about how you've been studying up until this point. Analyze what has worked and what hasn't.
- · Ask your Professor for advice on how you can improve, and where you might have gone wrong.
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- Buckle down ... and stay buckled down until the semester is over.

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



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