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.

Student submits scores for a A:

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):

Purdue University Northwest students earn fall semester Dean's List honors

JANUARY 27, 2022

The Purdue University Northwest (PNW) 2021 fall semester Dean's List recognizes 1,703 undergraduate students for their academic achievement.

Students who have completed 12 credit hours, including at least six during the fall, qualified for Dean's List recognition by sustaining an overall grade point average of at least 3.5 and a semester grade point average of at least 3.0 on a 4.0 scale.

The spring semester Dean's List includes 1,207 Indiana residents from 82 communities; 386 Illinois residents from 141 communities; 29 Wisconsin residents; 17 Michigan residents; three students each from Arizona, California, Iowa, Minnesota and Ohio; and one student each from Florida, Georgia, Hawaii, Maryland, North Carolina, South Carolina, Texas and Virginia.

PNW international students from 24 countries were also represented, including seven students

Student submits scores for a B:

Final Grade Calculator

Enter Total Points For Assessemet Type

Assessemets	Total Points Received	Max points
Labs	100	125
Quizzes	40	50
Exams	175	200
Project	90	100
ExtraCredit	10	25
Participation	65	75

Calculate Final Grade

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

← → C ⓘ File | /Users/sharylriley/Desktop/ITS362/Lab/Lab02/gradeB.html ⬆ ☆ 🐵 ⋮
⊞ Apps 📁 IVY 📁 Purdue 📁 Interesting 📁 SFS 📁 Crypto 📁 ITS330 📁 ITS362 📁 ITS364 📁 ITS454 📁 ITS472 » | 📁 Other Bookmarks | 📄 Reading List

Your Grade is a B!

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:

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⊞ Apps 📁 IVY 📁 Purdue 📁 Interesting 📁 SFS 📁 Crypto 📁 ITS330 📁 ITS362 📁 ITS364 📁 ITS454 📁 ITS472 » | 📁 Other Bookmarks | 📄 Reading List

Final Grade Calculator

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 C:

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	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:

Final Grade Calculator

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:

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

⊞ Apps ▭ IVY ▭ Purdue ▭ Interesting ▭ SFS ▭ Crypto ▭ ITS330 ▭ ITS362 ▭ ITS364 ▭ ITS454 ▭ ITS472 » | ▭ Other Bookmarks | ▤ Reading List

Your Grade is a D

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.

<div align="center">[Return to Final Grade Calculator Page]</div>

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Final Grade Calculator

Enter Total Points For Assessemet Type

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

<div align="center">[Calculate Final Grade]</div>

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Student submits scores for a F:

Apps   IVY   Purdue   Interesting   SFS   Crypto   ITS330   ITS362   ITS364   ITS454   ITS472   » | Other Bookmarks | Reading List

Final Grade Calculator

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:

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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.

Return to Final Grade Calculator Page

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Final Grade Calculator

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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