***Documentation Packet Week Ending [Mar 18th]***

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| Team: \_\_\_\_\_\_\_ | Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| Goals:  * See how easy, or hard Mr. Smith’s work is that he does. * Make the DocPac for this week. * Prep for Exam 3 | Events:  * Mar 14th**:** Weekly Review * Mar 18th**:** DocPac Dues |
| Included Documentation  * Individual: Student DocPac Mar18  * C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp Individual:Lesson Notes * Individual: Reflection (pg. 3) * Individual: Exam 3 Assignment (pg. 2) | Required Documentation  * C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp Individual:Lesson Notes * Individual: Reflection (pg. 3) * Download from cloud Individual: Flashcard Program |
| Changes:  * None  Teams  * Christian Boldt, Saimye Dennis, Tyler Rich, and Jaysin Haugh are considered to be Team B for the sake of assignment submissions this week. * John Eckert, Abbygail Caron, and Logan Hiller are considered to be Team E for the sake of assignment submissions this week.  Github Submissions  * “node\_modules” must be excluded from the PR. Use .gitingore *AND TEST IT*.   + Make sure no files from a node\_modules folder are in your Changes before you commit * Pull Requests can only change files and DocPacs related to this DocPac   Pull Requests can only contain commits from you | |

# Exam 3 Assignment:

* Start a NodeJS server on port 6000.
* Create an ExpressJS HTTP server.
* Make EJS the view engine.
* Set the ExpressJS server to read URL-encoded post data.
* Make a JSON file called ‘numbers.json’ and read the file and parse it to an object called numberList.
* Make a GET endpoint to **/** that returns a EJS template that displays the data in the numberList. Also, include a link to:
  + /addNewNumber to insert a new number
* GET /addNewNumber returns an EJS template that has a form that has:
  + Text Field: Number
  + Dropdown: What you want to happen to it (add, subtract, multiply, or divide)
  + Submit: Submit Button
* POST /addNewNumber returns an EJS template:
  + If the Text Field is blank return an Error message saying they didn’t put in a number, or an error if the number isn’t a positive number.
  + Otherwise, create an object that has the following properties, and push it into the numberList.
    - numberOne: is the first number
    - numberTwo: is the second number
    - add: is the 2 numbers added
    - sub: is the 2 numbers subtracted
    - mult: is the 2 numbers multiplied
    - divide: is the 2 numbers divided.
  + Convert the numberList object back to JSON and push it into numbers.json.
  + Then redirect back to /

# Reflection

**[First Day] What did you take away from the Weekly Review this week?**

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**[First Day] How do you feel going into this week? What can you do to prepare to succeed?**

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**[Last Day] What was a significant challenge you had this week? How did you overcome it, or how will you overcome something like it happening in the future?**

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**[Last Day] What do you think of the lessons/activities in the class this week?**

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# Grading

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| +5 | You went above and beyond expectations. This tier will increase your overall score for the quarter, in addition to this DocPac. |
| +3 | You performed as well as expected for this class. This tier is the maximum score for this DocPac. |
| +2 | You show minimum effort, insufficient understanding, or have serious mistakes. This is the minimum passing tier for this DocPac. |
| 0 | The work was not submitted, damaged, seriously incorrect, or unprofessional. This is the failing/rejected tier. |

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| |  |  |  | | --- | --- | --- | |  |  | Reflection | | ❑ | S | Insightful and thoughtful | | ❑ | A | Good reflection | | ❑ | C | Did not follow directions | | ❑ | F | Did not complete | | |  |  |  | | --- | --- | --- | |  |  | DocPac Condition | | ❑ | +3 | You had a PR accepted | | ❑ | +1 | Neatly folded. Undamaged | | ❑ | 0 | Bent corners, creases, stains | |
| |  |  | | --- | --- | | Pull Request # |  | | to repo/branch: |  | | from repo/branch: |  | | |  |  |  | | --- | --- | --- | |  | Download from cloud | Flash Card Program | | ❑ | S | Exceeds Expectations | | ❑ | A | Good reflection | | ❑ | C | Did not follow directions | | ❑ | F | Did not complete | |
| |  |  |  | | --- | --- | --- | |  |  | Student DocPac Pt. 5 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | |  |  | Student DocPac Pt. 7 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | | |  |  |  | | --- | --- | --- | |  |  | Student DocPac Pt. 6 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | |  |  | Student DocPac Pt. 8 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | |