CSSSKL 143

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How to Submit your Assignment

- Source Code: Save individual source codes in ".java" extension.
- Example: "InFixCalculator.java"
- Package all source codes into one zip file and follow the naming convention.
- Example: <lab_2_Student_Name>.zip
- Please do not submit individual files

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The InFix Calculator

Step 1: Split the inputs into array elements

Step 2: Iterate through the elements of the array

Step 3: (Optional) Trim every element for leading or trailing spaces

Step 4: Look for (+,-,/,*) operators. Note the position of the array index "i"

Step 5: "i-1" = LHS and (i+1) = RHS. Compute LHS and RHS

Step 6: Upon encountering another operator symbol: LHS (+,-,*,/) RHS becomes LHS

Step 7: Repeat from step 5

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Change in Submission Deadline

- Now the submission deadline for every lab will be the midnight of next Monday.
- Example: For lab 2 the deadline is 10/09 11:59 PM
- Additional 24 hours

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Lab 2

- **Date**

  - Learning Outcomes:

    - Identify data items for a given question

    - Identify possible methods for a given question

    - When and Why should we use instance variables

    - Understanding of setters(), getters()

Point 2D

Learning Outcomes:

- Use of "private" variables

- Scope of variables

- Gentle intro to 2D coordinate programming

- Traversing in 2D plane, reset

- Compare values of instance variables of different objects

IntList

Learning Outcomes:

- Array refresher (again…)

- Perform array operation iteratively (at elemental level)

- Display array elements in a certain form (string)

- Adding array elements

- Searching for specific array element (how do we do that?)

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Follow Coding Standards

> In your code, use comments ("//") to denote the question number

> Follow basic coding standards such as:

>> Using comments where required

>> Code indentation

>> Leave right amount of whitespaces and line spacings

> Note: Failure to follow these rules may result in point deduction

Don't Forget to return your Laptops

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