Saturday, 23 January 16

Crux
Lecture -3

Programming Fundamentals -2
Functions, Arrays & Strings

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CODING BLOCKS

Assignment ?

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Functions

- Modifiers
- Return Type
- Name
- Arguments
- How to call Functions

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Lets move code of questions from last
class to separate function

Variables and their Scope

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Scope of variables

- Local Variables
- Life of Variables
- Argument Variables
- Variables inside loop
- Same variable names in different functions
- Same variable names within same scope

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Pass by Value

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How function calling works

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Arrays

- How to declare arrays?
- How are arrays stored in memory?
- How to access, update etc?

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Lets write some code

- Take an integer array input from the user
- Print out sum of an array

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Your turn

- Print out the largest element in the array
- Linear Search
- Reverse an array

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Passing arrays as function parameters

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Lets write some code

- Bubble Sort

Your turn

- Selection Sort

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Pointers

- Don't have to worry about this in java

Thank You !! ☺

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CRUX

Java