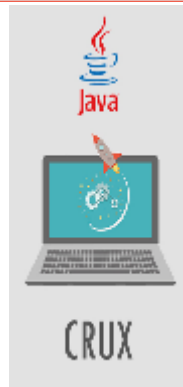# CODING BLOCKS

Arrays

- Arrays
- Pointers
- ArrayList
- 2-d arrays

Sumeet Malik

Java

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Arrays

- How to declare arrays?
- How are arrays stored in memory?
- How to access and update?
- Swap?

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Passing arrays as function parameters

Pointers

Lets write some code

- Take Input
- Display
- Max

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Lets do these problems

- Linear Search
- Binary Search
- Reverse

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Sorts

- Bubble Sort
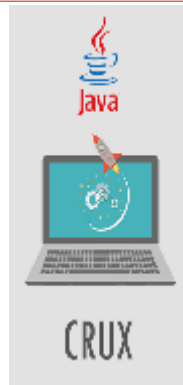- Selection Sort
- Insertion Sort

Time to try?

- Inverse of array
- Check Inverse?
- Is mirror Inverse?

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ArrayList

Multi dimensional arrays

- How to declare?
- How are they stored in memory?

Lets write some code

- Lets take input in to 2-d Array
- Lets print it out

Time to try?

- Wave print
- Spiral print

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Thank you

Sumeet Malik