



# CRUX



# CODING BLOCKS

## Arrays

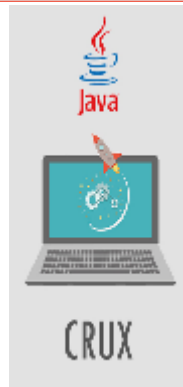
- Arrays
- Pointers
- ArrayList
- 2-d arrays

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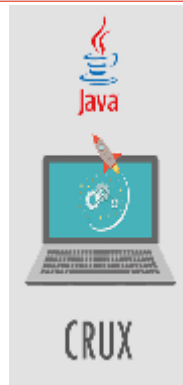
# Arrays



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



# Passing arrays as function parameters



# Pointers

# Lets write some code



- Take Input
- Display
- Max

# Lets do these problems



- Linear Search
- Binary Search
- Reverse

# Sorts

- Bubble Sort
- Selection Sort
- Insertion Sort

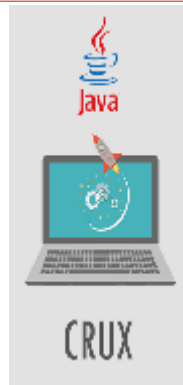


# Time to try?

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







# 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





**CRUX**



**CODING  
BLOCKS**

Thank you

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