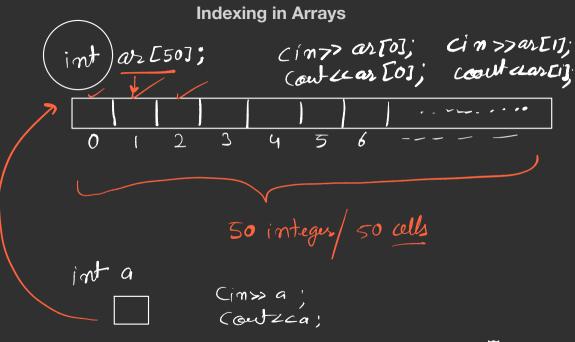
L7 Arrays

# Introduction to Arrays

int rall-no; cin -> sall-no; Square backet int vall\_numbers [50]; Syntax

## Creating arrays with different datatypes

int ass [50]; char chasay [10]; bool basay [5];

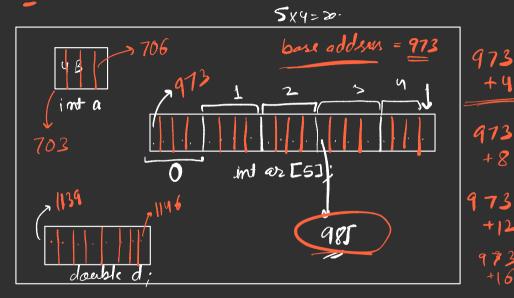


## **Printing Arrays**

973 + 3 X 4

## **Memory Allocation in Arrays**

973 12 985





base address = 7615

find the starting address of Oth celle 7615 76/5 5th cell 7635 196 7811 7615 + 5x4 37 h cell 1163 3 20 7635 76/5 49 49 h all 7811 XŸ 148 7615 + 37×4 196 7763 148

U LearnYard



Pointers / int a; (out << ba; int \* pts = ka; Coutres; contect pts; Value cont 22 ha; -> contaptre, oddsens Question: Check if a element is present in array or not

#### Question: Find maximum and minimum in a array

## Question: Check if array is sorted or not

#### **Extra question [Missing number on Leetcode]**

https://leetcode.com/problems/missing-number/description/?ref=read.learnyard.com

#### **Practice and Homework Questions**

Homework questions -

https://leetcode.com/problems/missing-number/description/?ref=read.learnyard.com

Read these articles https://read.learnyard.com/traversals-1/ https://read.learnyard.com/traversals-2/ https://read.learnyard.com/traversals-3

https://leetcode.com/problems/intersection-of-two-arrays/ https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/



# Thank You!

Please practice more questions and examples as above !!

