Assignment 2

Topic: Array

Sl. No.	Question	
1.	Write a java program that will search a number from an array of 10 numbers.	
2.	Write a java program that will sort an array of N inputted numbers.	
3.	Write a java program that will read array of N numbers, and it will remove the duplicate numbers (if any) and display the array.	
4.	Java Program to Interchange Elements of First and Last in a Matrix Input 1: 1 1 5 0	Across Rows
	Input 2: 7 8 9 10 11 13 14 1 15 7 12 22 11 21 30 1	
	Output 2: 11 21 30 1 11 13 14 1 15 7 12 22 7 8 9 10	
5*.	Sudoku, originally called Number Place, is a logic-based, combinated puzzle. The objective is to fill a 9×9 grid with digits so that each column, each row, and each of the nine 3×3 sub-grids that compose the grid (also called "boxes", "blocks", "regions", or "sub-squares") contains all of the digits from 1 to 9. The puzzle setter provides a partially completed grid, which typically has a unique solution. Completed puzzles are always a type of Latin square with an additional constraint on the contents of individual regions. For example, the same single integer may not appear twice in the same 9×9 playing board row or column or in any of the nine 3×3 sub-regions of the 9×9 playing board. The puzzle was popularized in 1986 by the Japanese puzzle company Nikoli, under the name Sudoku, meaning single number. It became an international hit in 2005. Write a java program to model the Sodoku game. Create a 9 × 9 matrix inside main. Write a function (or functions) to check whether the solution is as per the rule.	torial number placement 5 3 7
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