Hands-On Exercises

Strings, IO, New Methods and API Enhancements

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Parallel Array Sorting

Assignment 01  
  
Write a program as per the below instructions:

a) Initialize an integer Array with 10 elements.

b) Sort this array using parallelSort() method.

c) And display the sum of min and max value of this array as result.

## Assignment 02

Write a program as per the below instructions:

a) Take any String as a input from the user. And convert this string into character array (you may use toCharArrayMethod()).

b) Sort this character array using parallelSort() method. After sorting convert this character array into a String and display this String as a result.

Example:

Input : valan

Output : aalnv

## Assignment 03

Write a program as per the below instructions:

Initialize an integer Array with 10 elements.

Sort only first 5 elements in this array using parallelSort() method and display the sorted array.

**String Joiner class**

## Assignment 01

Given an ArrayList containing n names, use StringJoiner to construct a new sequence of names separated by , (comma) and enclosed in { } brackets.

## Assignment 02

Given two StringJoiners s1 and s2 which contains n city names separated by - (hyphen), display the output for the given cases:

i) s1 merged to s2.

ii) s2 merged to s1.

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