

Assignment-3

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Part A :

In the given question we have to sort the following arraylist in descending order while at the same time we have to enter some random values with the range of [1,10,100,1000,10000] while at the same time run parallel process which will be performing the same operation but the time of execution will be low in case of larger values

In case of small values, the multithreading will proceed to give extra time in case of small values because while executing multithreading, it takes time to execute and allot cores for multithreading.

How to run the program– >

To run the program

Kindly open the folders in the following order:

assignment_2021504_AP ->

src->java->com.example.assignment_2021504_AP

And hit run button on intellij or any IDE

Part B:

In this question, we have to make a tree and find the time to insert the tree.

In this question, we have used a treemap, and the maximum and minimum values are fixed at 1000000000 and -1000000000 respectively.

How to run the program– >

To run the program

Kindly open the folders in the following order:

assignment_2021504_AP ->

src->java->com.example.assignment_2021504_AP

And hit run button on intellij or any IDE

