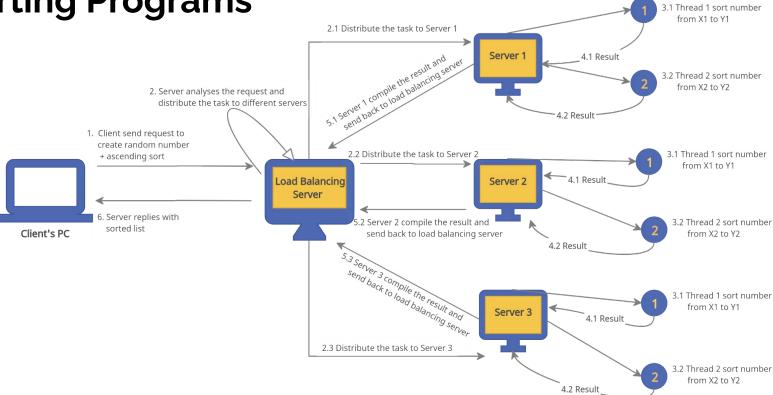
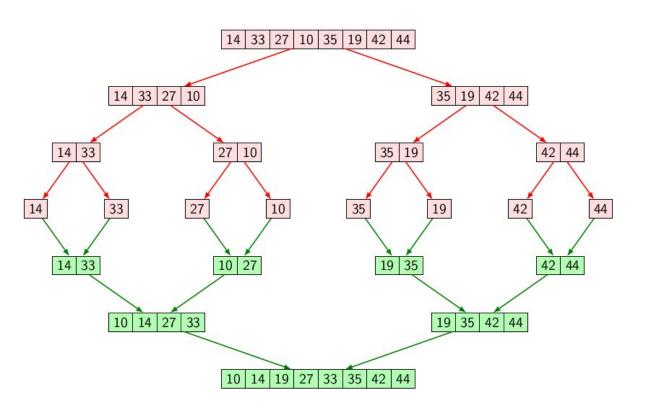
Sorting random numbers in distributed systems

Presenters: Ibrahim Yunuslu Kanan Jafarli Application of Distributed Systems In Speeding Up Sorting Programs
3.1 Thread 1 sort number



Merge Sort

How Merge Sort works?



A list of the main functions

generateRandomNum

finalMerge

getSortedResults

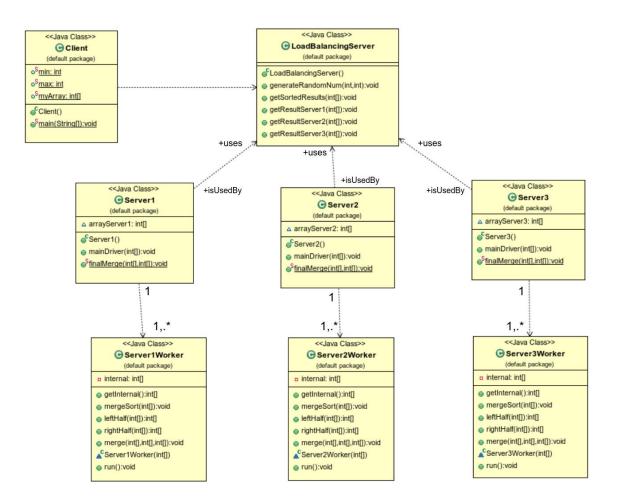
mergeSort

mainDriver

Error cases

- definable range format : InputMismatchException error
- resend request format : InputMismatchException error

Architecture *UML Class Diagram*



How to run

// to compile programs

javac Client.java LoadBalancingServer.java Server1.java Server2.java Server3.java

// to execute the generated main class file

java Client

Thanks for your attention