

Testcases (Each testcase was run 10 times)

Execution time is the average of the run times

Testcase 1

Input: aaabbbccc 3

Output:

LOL0: 3a

LOL1: 3b

LOL2: 3c

Exec Time(Threads): 1654.000 ms

Exec Time(Processes): 0.000648 ms

Testcase 2

Input: aaaaa 5

Output:

LOL0: a

LOL1: a

LOL2: a

LOL3: a

LOL4: a

Exec Time(Threads): 2616.000 ms

Exec Time(Processes): 0.001191 ms

Testcase 3

Input: 33 lines of 40 repeated characters each

Output:

LOL0: 95a61bs46d68ewe95w106rty111t37y

LOL1: 74y117o117p108q95a61bs46d5e

LOL2: 63ewe95w106rty111t111y117o18p

LOL3: 99p108q95a61bs46d68ewe95w49r

LOL4: 57rty111t111y117o117p108q

Exec Time(Threads): 3342.000 ms

Exec Time(Processes): 0.002170 ms

Testcase 4

Input: *blank file* 2

Output: "Your inputs are invalid"

Exec Time(Threads):0 ms

Exec Time(Processes): 0 ms

Testcase 5

Input: aaa 6

Output: "Your inputs are invalid"

Exec Time(Threads): 0 ms

Exec Time(Processes): 0 ms

The processes took the shortest amount of time!