

## PROGRAM DATA

All data was collected manually:

### Python:

x = 10 <- Execution time: 0.74 ms/op, Memory usage: 4.0 KB, CPU usage: 745208 ns

x = 100 <- Execution time: 684.87 ms/op, Memory usage: 84.00 KB, CPU usage: 724481824 ns

x = 1000 <- Execution time: 822077 ms/op, Memory usage: 32216.00 KB, CPU usage:  
762186251120 ns

### Java:

x = 10 <- Execution time: 17.288 ms/op, Memory usage: 1 KB, CPU usage (ns): 878000

x = 100 <- Execution time: 30.067 ms/op, Memory usage: 2 KB, CPU usage (ns): 24040000

x = 1000 <- Execution time: 7060.325 ms/op, Memory usage: 7723 KB, CPU usage (ns):  
6483596000

### C:

x = 10 <- Execution time: 0, Memory usage: 2988 KB, CPU usage (ns): 1610000 ns

x = 100 <- Execution time: 0, Memory usage: 2996 KB, CPU usage (ns): 2574000 ns

x = 1000 <- Execution time: 2038 ms, Memory usage: 24504 KB, CPU usage (ns): 2011606000 ns

