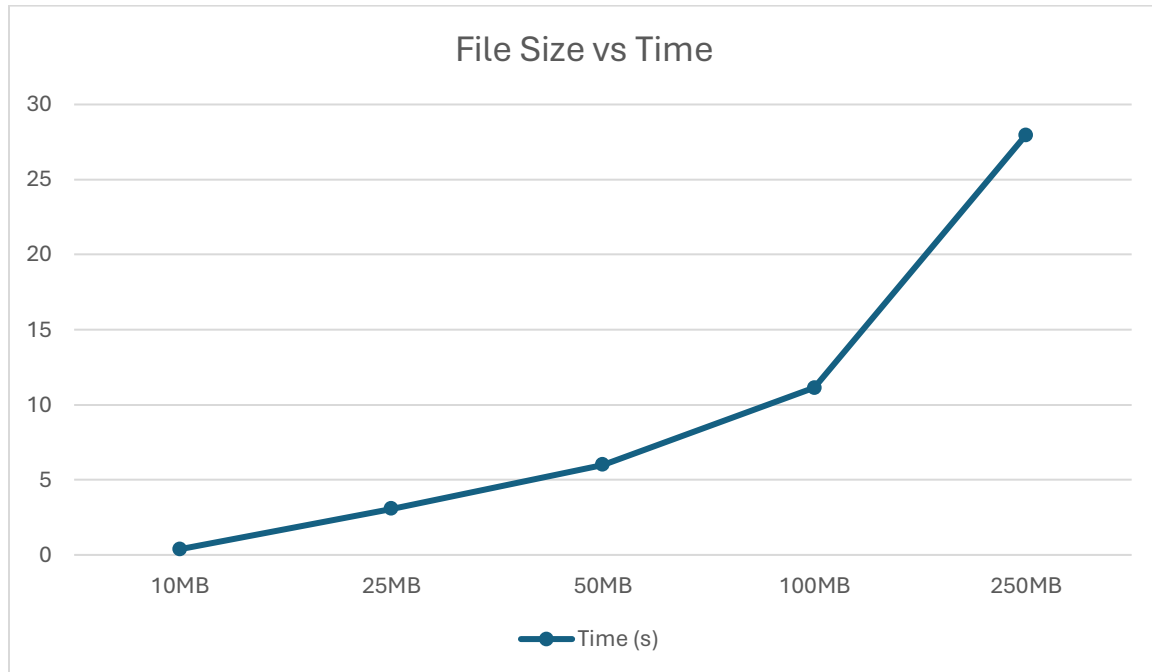


Question 1: The following trend does make sense.



Question 2: This trend makes sense as the main bottleneck will be that the program sends and receives file data in small request/response chunks over the FIFO channel, incurring a lot of system call and context-switch overhead. The fix for this will be to increase the buffer sizes from 256 bytes.