San Jose State University
Computer Engineering Department
CMPE 142: Operating Systems
Fall 2020 Programming Project 3

Full Name: _____   GID_____

Write a "C" program that creates a pipe and forks a child process. The parent then sends the following message on his side of the pipe "I am your daddy! and my name is <pid-of the-parent-process>\n", the child receives this message and prints it to its stdout verbatim. The parent then blocks reading on the pipe from the child. The child writes back to its parent through its side of the pipe stating "Daddy, my name is <pid-of-the-child>". The parent then writes the message received from the child to its stdout. Make sure the parent waits on the child exit as to not creating orphans or zombies: creating such leftover will result in zero grade.