Additional Questions for lab # 4

1. What types of *pipes* do you know?

* Unix shell pipes (the | character after program), and now the pipe() C function.

1. How *pipes may be used for interprocess communications?*

* When a proc forks itself, it can communicate to its child proc by writing to the write end of a pipe and letting the child proc read from the read end of the pipe.

1. How *fork ()* works?

* Fork() will return < 0 on failure, 0 on success and if the calling proc is the child, and > 0 if the calling proc is the parent. The proc can then use this return value to identify itself without needing an explicit PID.

1. How many *unnamed pipes* do you need for two way communications between parent and child processes?

* Two pipes are needed for two-way communication.