**Task #1:**

When I wrote the write and read system calls in reverse order in pipe1.c, the program would not output anything and nothing would happen until Ctrl+C was entered. This is because the read system call is called on an empty pipe before anything is written into it. A pipe cannot be read until something is written into it so in the case of pipes, write must be called to the pipe first to write into it.

Text

Description automatically generated

**Task #2**:

Text

Description automatically generated

**Task #3 (twoPipesParent and twoPipesChild)**:

twoPipesParent.c

Text

Description automatically generated

twoPipesChild.c:

Text

Description automatically generated

**Task #4**:

To create the fifo, I used command mkfifo /tmp/task4\_fifo

I am unsure what command I could use to also do this.

Text

Description automatically generated

**Task #5:**

Buildsm.c (from Lecture 22):

Text

Description automatically generated

Removesm.c (from Lecture 22):

Text

Description automatically generated

Process1.c:

Text

Description automatically generatedText

Description automatically generated

Process2.c:

Text

Description automatically generated