Lab 3 Report

Compiling my program

I used the following command: gcc -o sm sm.c

Running the program

I run it using ./sm

Screenshots

```
kkps@ubuntu:~/Desktop/Lab 3$ ipcs
----- Message Queues -----
key msqid owner perms
                                used-bytes messages
----- Shared Memory Segments -----
key shmid owner perms
                                 bytes nattch
                                                  status
0x000000000 6
                 kkps
                        600
                                  524288
                                         2
                                                  dest
----- Semaphore Arrays ------
      semid owner
key
                         perms
                                 nsems
kkps@ubuntu:~/Desktop/Lab 3$ gcc -o sm sm.c
kkps@ubuntu:~/Desktop/Lab 3$ ./sm
        KEY MODE OWNER SIZE
ID
                                 ATTACHES
15
       0 rw----- 1000 800 0
Parent received message from Child: Hello Parent Process!
kkps@ubuntu:~/Desktop/Lab 3$ ipcs
----- Message Queues -----
key msqid owner perms
                                 used-bytes
                                           messages
----- Shared Memory Segments -----
key shmid owner perms
                                 bytes nattch
                                                   status
0x00000000 6
                 kkps
                         600
                                  524288
                                         2
                                                   dest
                kkps .
0x000000000 15
                                  800
                                          0
                         600
----- Semaphore Arrays ------
    semid
key
                 owner
                         perms
                                  nsems
```