MCAN292 OS LAB ASSIGNMENT-3

1) Write a C program to know the PID and PPID of the child and parent.

2) Write a C program to create a Zombie and orphan process.

3) Write a C program that will create child process using fork ( ), and parent and child process will pass data through unnamed pipe.

4) Write a program that will write on pipe(Producer) and another program to read from the pipe(Consumer). The above should be implemented through named pipe (FIFO).

5) Write a consumer program which will create a shared memory to communicate with another producer program using the same shared memory, the producer programme will write to the shared memory and the consumer will read through the same.

6) Write a C program using message queue to send and receive data between 2 unrelated processes.

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