

Description of Goals

- Perform FILTER of input array
- Result in letters on left side (alphabetical)
- Numbers on right side (ordered)
- Use two semaphores
 - One for P1 and P2 critical section
 - One for P2 and P3 critical section
- Get alphanumeric input from user
- Fork 3 children processes
 - P1 deals with 1, 2, 3 array values
 - P2 deals with 3, 4, 5 array values
 - P3 deals with 5, 6, 7 array values
- Check if shared memory is created properly to store input and resulting array