Assignments on Sys V IPC

1. Develop a program, which creates 2 processes (p1 & p2). Code in process p1 needs to be executed first and then it has to go to process p2. Implement this using Sys V semaphore.
2. Develop a program where a single writer process will send messages to n number of reader processes. Write process along with message, also attaches the reader no who has to read it through type variable. Reader process reads messages referred to that process by using type variable. Use message queue for IPC.
3. Develop a program to transfer huge amount of data between two process and also provide proper synchronization (SYSV shared memory + semaphore).