

OS & SP - ASSIGNMENT - DAY 8

1. Write a program to create a message queue and print the key and message queue id.
2. Write a program to send messages to the message queue.
Check \$ipcs-q
3. Write a program to receive messages from the message queue.
 - a. with 0 as a flag
 - b. with IPC_NOWAIT as a flag
4. Write a program to create a shared memory.
 - a. write some data to the shared memory
 - b. attach with SHM_RDONLY and check whether you are able to overwrite.
 - c. detach the shared memory
5. Write a program that proves that “data section is duplicated from parent process to child process”
Input: NIL
Output: Value of a variable set by parent, should be printable by the child process