**Expt 11 : Inter Process Communication using Message Queues**

Write program(s) to perform the following tasks:

a. to implement message passing within the same process

b. to create a child process; child process sends (writes onto message queue) a message and parent process receives(reads ) the message from the message queue.

c. two independent processes; one process (writer) sends the message and the second process (reader) receives the message

Note:

* Use ***ipcs*** linux command to check the status of the message queue.
* Experiment by writing onto the message queue repeatedly and then reading from it.
* Check trying to read from empty message queue
* write down the syntax of the system calls and functions to be used