To Compile:



To run the executable

First run the initmosocket

Then run Usr2

Then run usr1

OUTPUT

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gautam 1124@GKS:-/Desktop/Sixth Sem/Networks Lab/Assignment 5/Assignment 5 (copy)s make - fMakerfile.users run usr1
Press any character to proceddd for socket creation. So that two process don't create socket at the same time
UDP SOCKET ID is 4
Socket: 0
Press any character to proceddd for socket binding. So that two socket on't bind at the same time
10 press any character to proceddd for socket binding. So that two socket on't bind at the same time
10 press any character (bon't exit before reciving or sending 1 all message because garbage collector will delte the socket 1
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- Don't complete the execution of usr1 and usr2 before receiving all messages and Acks
- -> Usr1 will take the data from send.txt and usr2 after receiving will store in recv.txt
- ->Control flow to run
 - 1-> Run initmsocket
 - 2-> Run usr2, press 1 to proceed for socket creation
 - 3-> Run usr1, press 1 to proceed for socket creation
 - 4-> In usr2, press 1 to make the bind(****)
 - 5-> In usr1, Press 1 to make the bind

- -> The delimiter(to show the end of file) I used is "%" so I hope that the send.txt file doesn't contain this character.
- Note***: If we bind the usr2 first, it will be waiting to receive message and then usr1 will start sending message, if i am not binding the usr2 first (only in my machine not in my friend' machine) for the first run only it is working properly after running again it just somehow misses the first message(maybe the shared memory issue or buffer is not cleared properly) then if i restart the cpu and run again, it runs. So it's better to always bind usr2 first then usr1, although this problem only occurred in my machine and not in my friend's cpu.