LESSON 12 – Pipes

Question 1
Write a program which creates 2 threads; synchronize the 2 threads using a pipe
WriteThread() – write a steam to the other thread
ReadThread() – reads the steam from the other thread to the screen.

Question 2
Do question 1 using parent and child processes instead of 2 threads (use pipes to synchronize the 2 processes as well).

Question 3
Write a program which sends a message within a loop.
creates 2 threads, synchronize the 2 threads using a pipe
Thread1() – reads the stream sent from thread2 and writes it to thread2 again
Thread2 () – reads the stream sent from thread1 and writes it to thread1 again.

Question 4
Do question 3 using parent and child processes instead of 2 threads (use pipes to synchronize the 2 processes as well).

Question 5
Do question 3 using 2 different child processes (use fork() twice from the same parent).