

For this lab, you are required to work individually to:

1- Draw a 'space-time' diagram for the distributed program submitted for [Lab 1](#).

-It is being provided in Figure 1.

2- Prove the 'forwarding' event in B happens before the 'print' event in A.

-To prove that the forwarding event in B happens before the Print in A, we know that A is the generator of the number that is being forwarded to B or Process 2. So we can't forward anything in B If the forwarding in A didn't happen, on the other hand A will not print anything unless it receives something from the server port 5003 unless it receives a number from that socket connection. Also, this will not happen unless B sends the data to C i.e. P3, and C sends It to D i.e. P4. Lastly, D sends it to A's sever, then A prints that the data thar it has generated it.

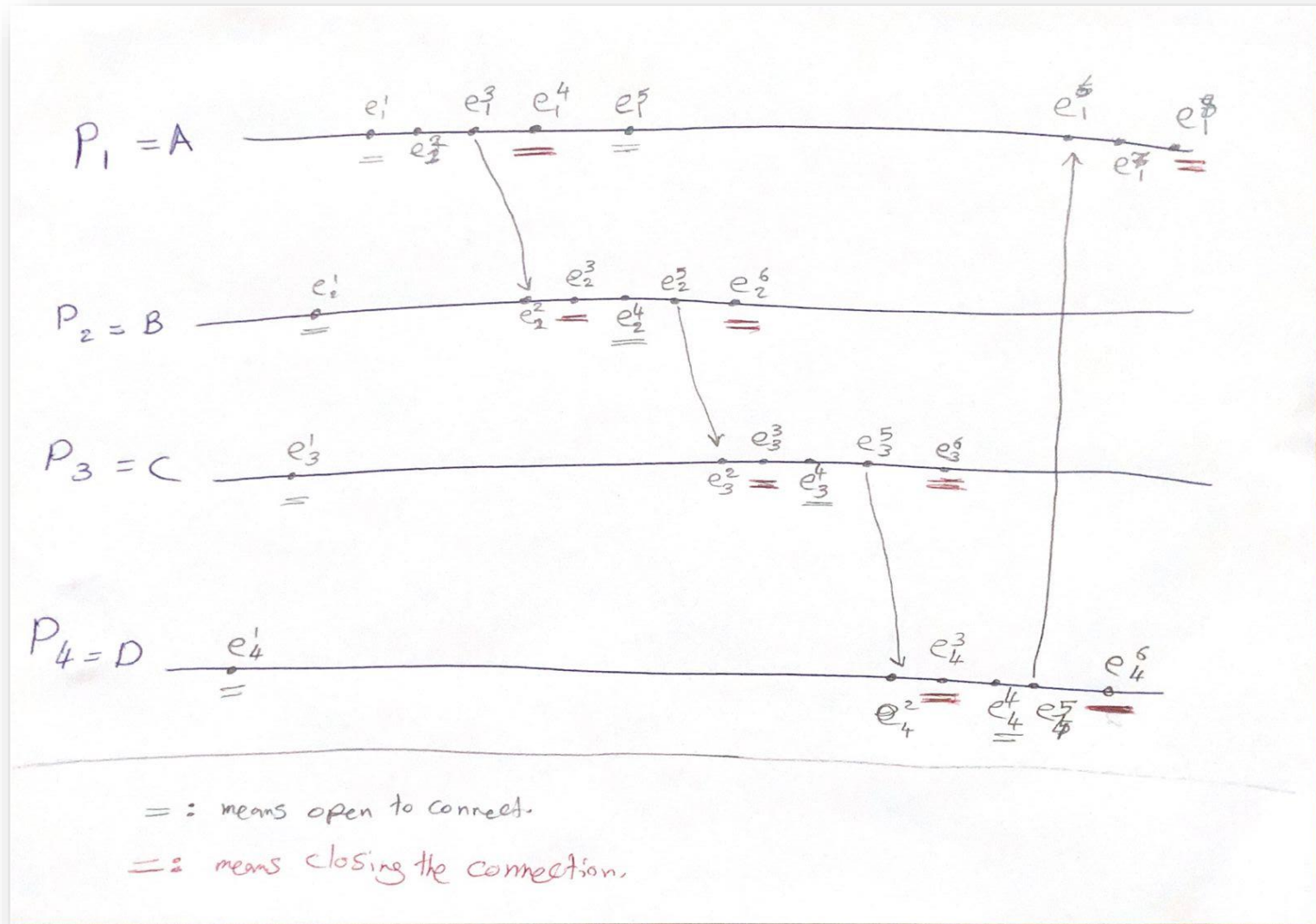


Figure 1: space-time diagram