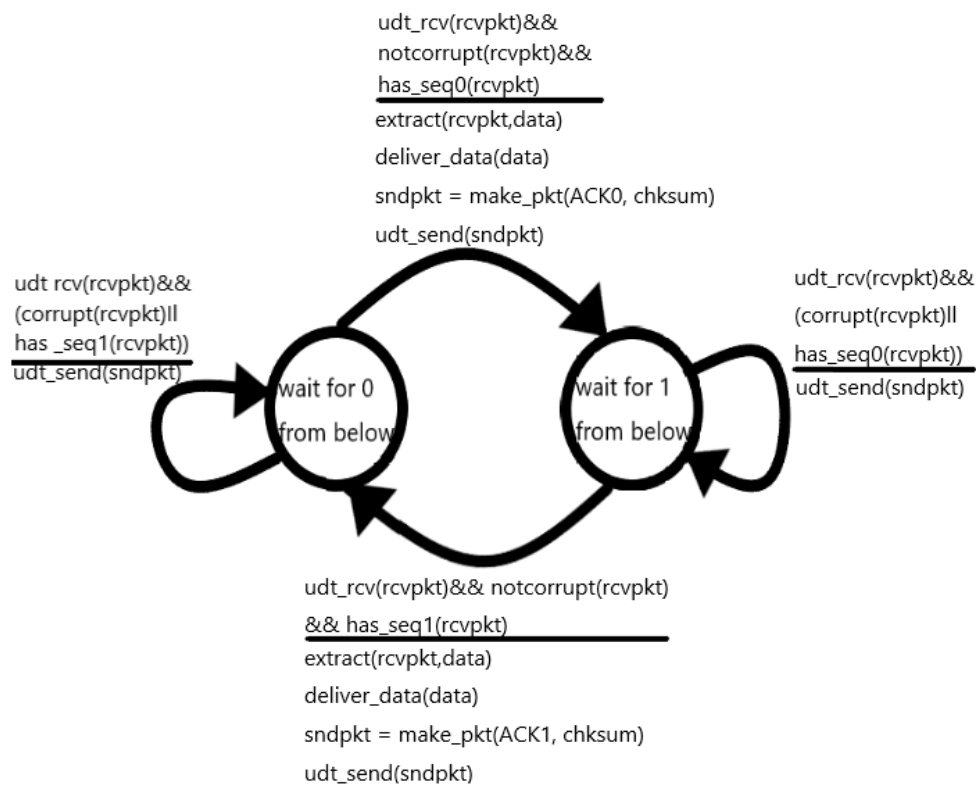# 計算機網路概論 Homework 2 B10815057 廖聖郝

1. Packet 1: | Source IP: | 10.1.1.2 | Source port: | 6428

    Destination IP: 10.1.1.1 Destination port: 9157

    Packet 2: Source IP: 10.1.1.1 Source port: 9157

    Destination IP: 10.1.1.2 Destination port: 6428

    Packet 3: Source IP: 10.1.1.2 Source port: 6428

    Destination IP: 10.1.1.3 Destination port: 5775

    Packet 4: Source IP: 10.1.1.3 Source port: 5775

    Destination IP: 10.1.1.2 Destination port: 6428

2. 0111100000011110

3.

udt_rcv(rcvpkt)&&
notcorrupt(rcvpkt)&&
has_seq0(rcvpkt)
extract(rcvpkt,data)
deliver_data(data)
sndpkt = make_pkt(ACK0, chksum)
udt_send(sndpkt)

udt rcv(rcvpkt)&&
(corrupt(rcvpkt)ll
has _seq1(rcvpkt))
udt_send(sndpkt)

udt_rcv(rcvpkt)&&
(corrupt(rcvpkt)ll
has_seq0(rcvpkt))
udt_send(sndpkt)

wait for 0
from below

wait for 1
from below

udt_rcv(rcvpkt)&& notcorrupt(rcvpkt)
&& has_seq1(rcvpkt)
extract(rcvpkt,data)
deliver_data(data)
sndpkt = make_pkt(ACK1, chksum)
udt_send(sndpkt)

4. 0.00133

5.