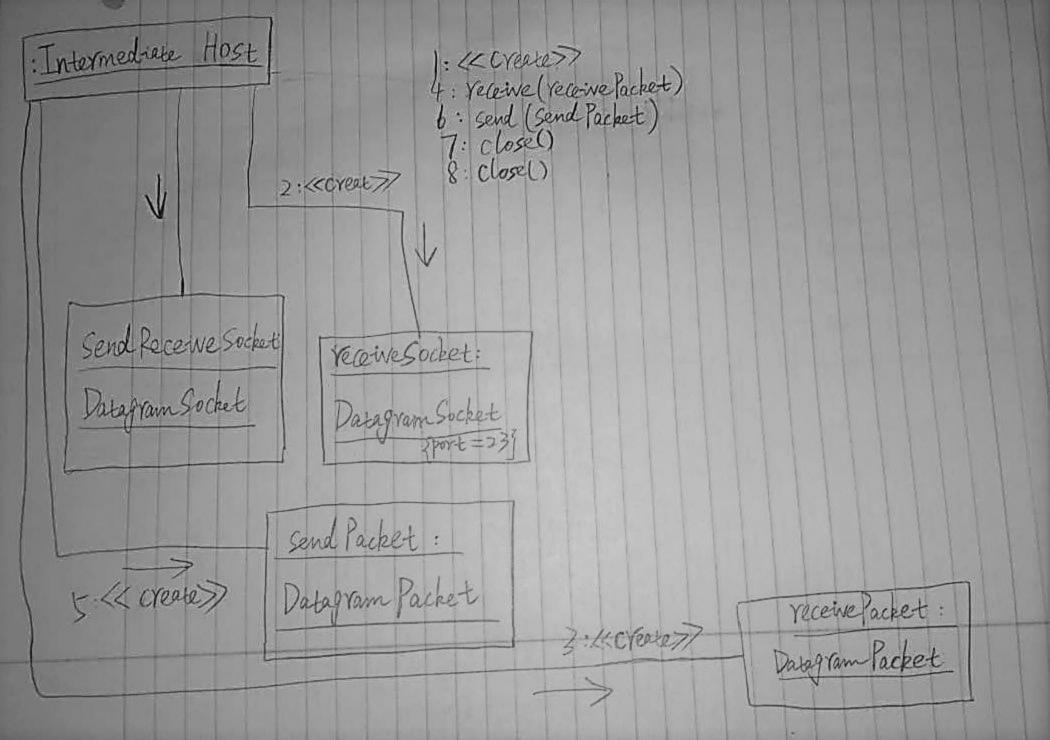
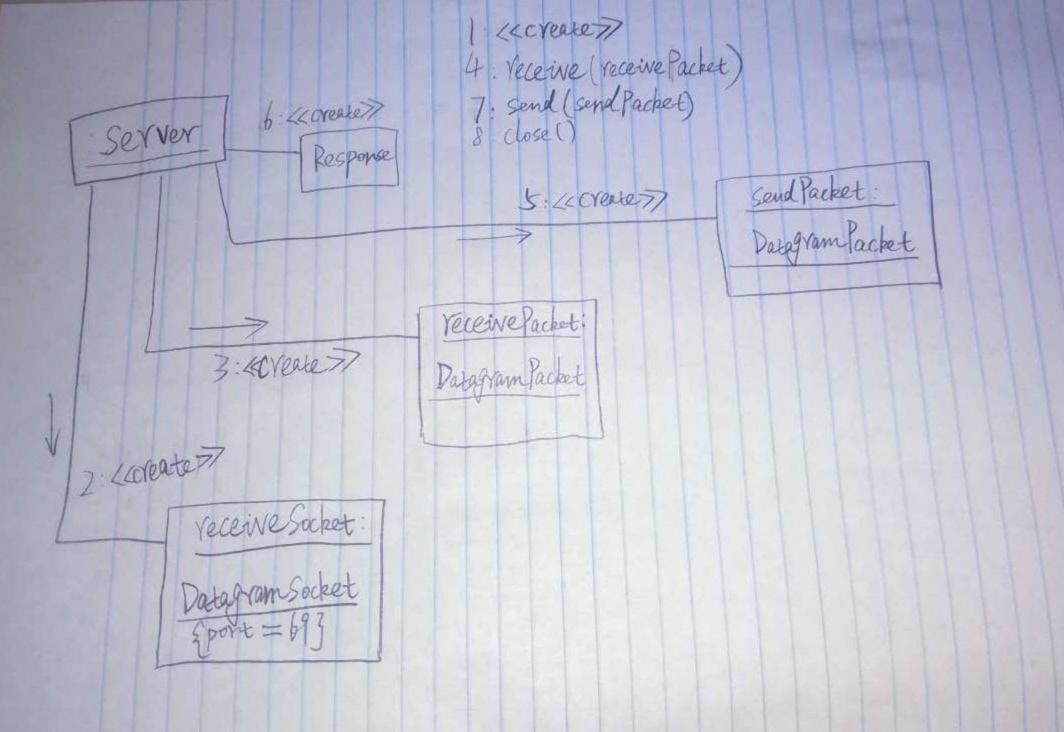
: LL Create 77 VML Collaboration diagrams 3: Send (Send Packet) 5: receive (receive Packet) 7: close() Send Receive Socket : Client Dategram Socket 2:45 Creatity b: (Kcreate) 4: (CYEALT) RM: Regust Messages Send Packet receive Packet: Datagram Packet Datagram Packet





UM L class diagrams

send Packet : Datagram Packet # receive Packet: PatogramPada # Sendreseive Socket Dalgram ## port : int + main (string [] args) + request (i int) + receive () + close()

Intermediateflost # send Packet: Datagram Packet # receivePacket: DasaframPacket # send Roceive Socket : Data fram Socket # receive Socket . Patagram Supe # Client Port int # ServerPort int - running () Close() + main (String [] args)

Server # sendPacket DatagramPacket # receive Packet : Data fram Packet # receive Socket Data Transacket # server Port int # message : byte[] + running () + checkvalid (data: bytel], lengthing + close() + main (String [] args)

UCM Diagram Server Net work Intermediate Host Client Network C1 C2 C3 文艺艺 \$ X X St St St SI - receive datagram I, - Yelewe datagram C1 - form message/request Sz — extract message/request Iz - extract message/request Cz — Create datagram S3-Creat datafram 13 - Create data fram Sy - Creat message/ response C3 - prime message/request St — print request I4 - prime message/ request C4 — send datagram Is - send dotagram Ct - receive datagram Ib - receive datagram
Cb - extract message/response I7-extract message/response
C7 - Print message/response I8 - print response St - Print response St - Send datagram IIo-send datagram Ig - Create datagram