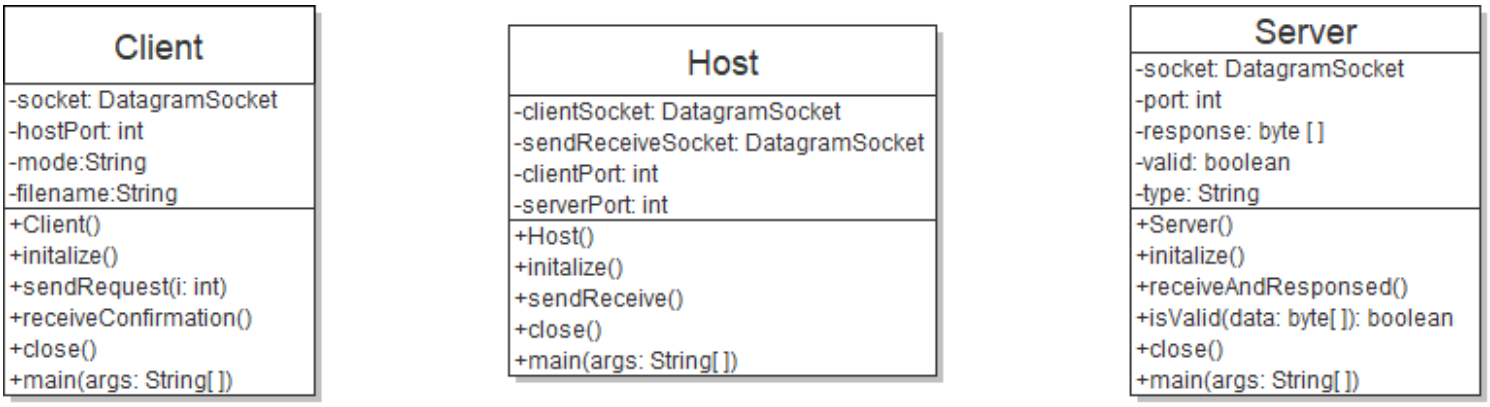
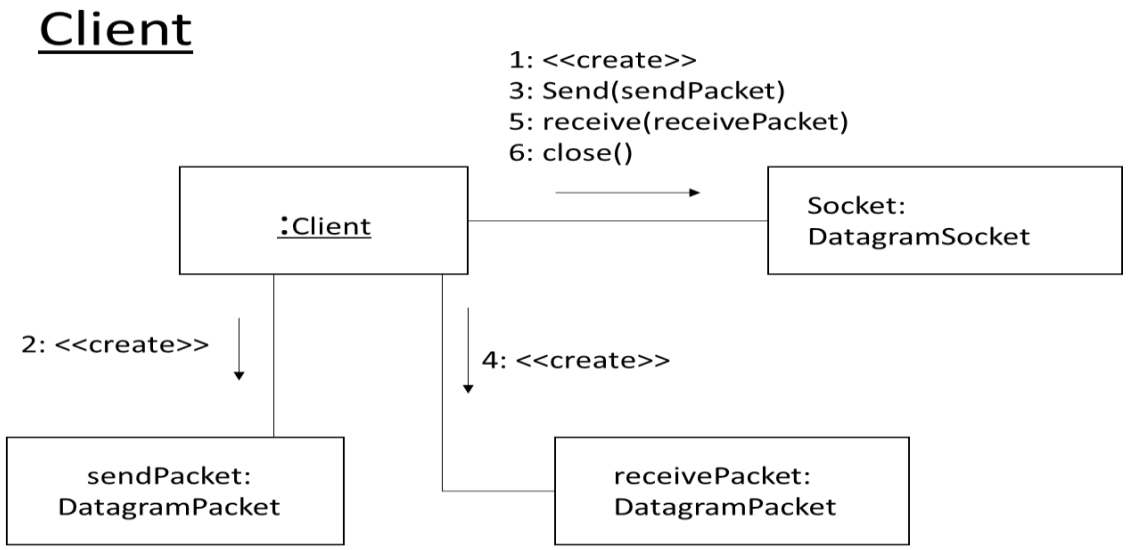
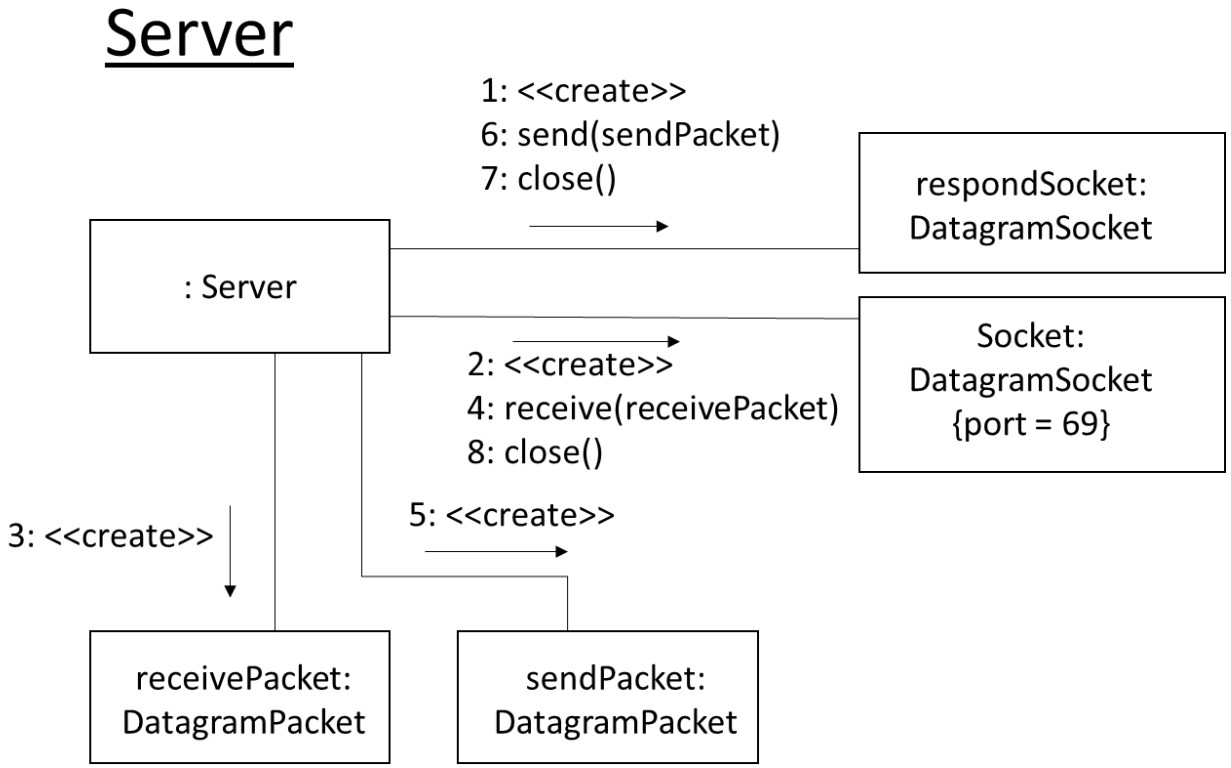
UML Class Diagram

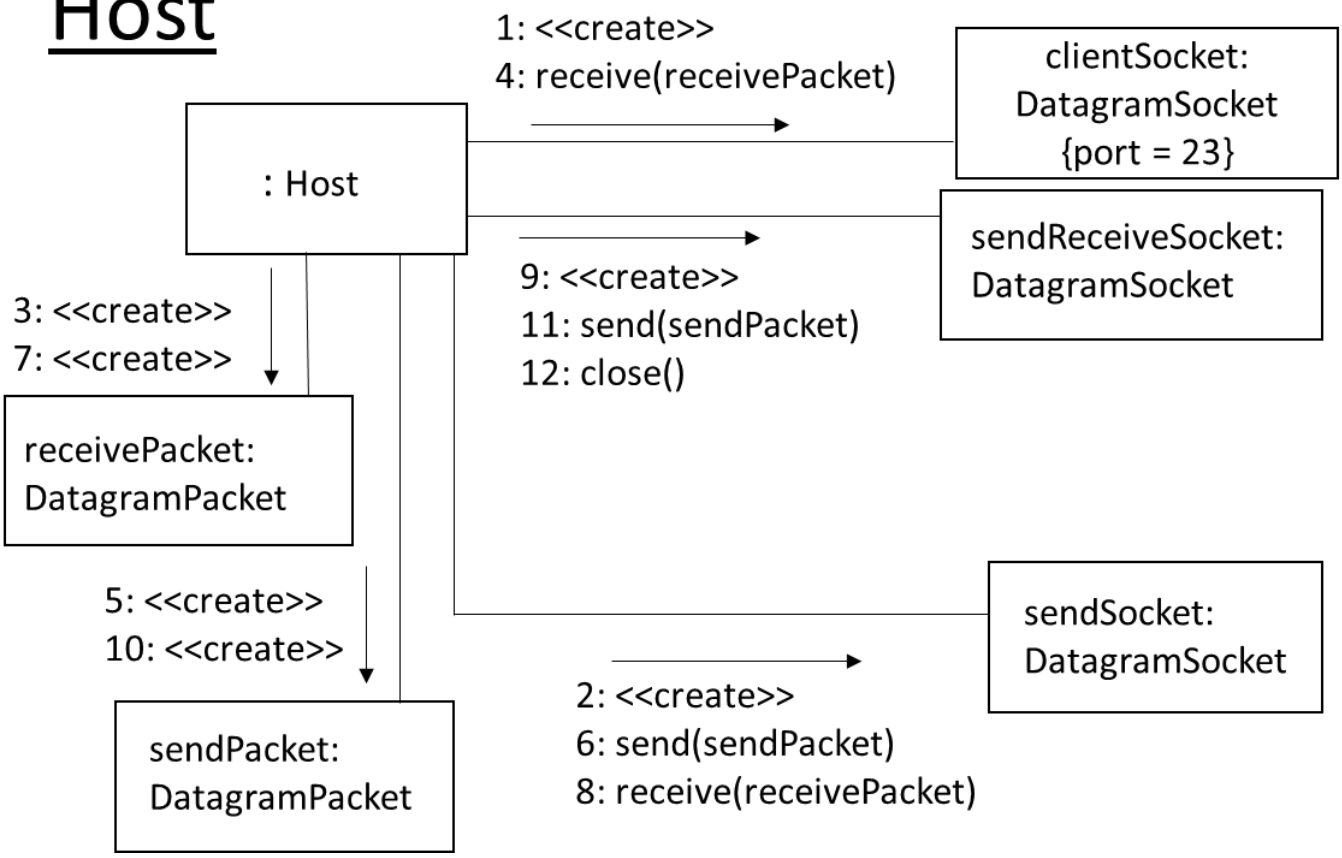


UML Collaboration Diagram

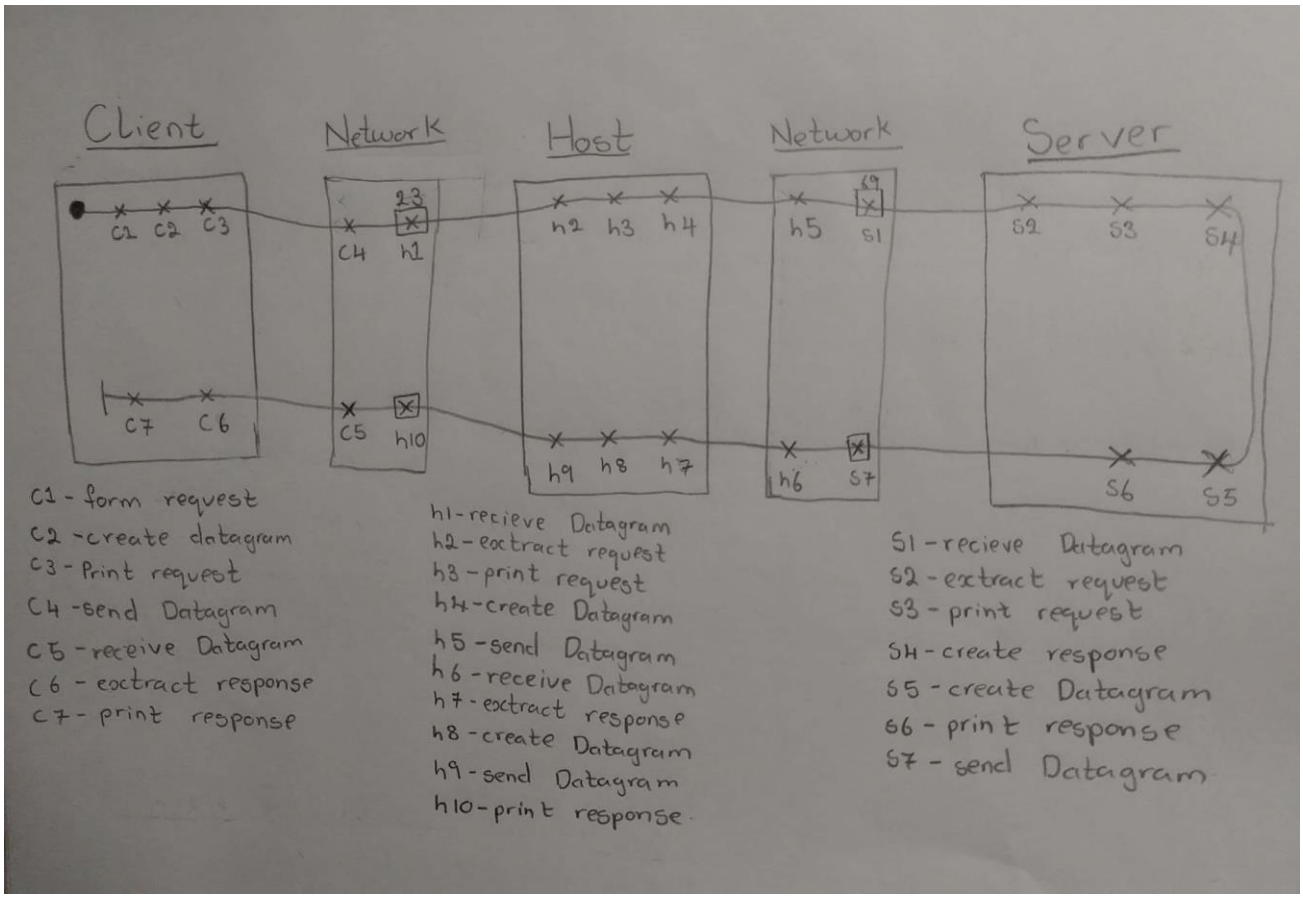




Host


1: <<create>>
4: receive(receivePacket)
clientSocket:
DatagramSocket
{port = 23}
: Host
sendReceiveSocket:
DatagramSocket
9: <<create>>
11: send(sendPacket)
12: close()
3: <<create>>
7: <<create>>
receivePacket:
DatagramPacket
5: <<create>>
10: <<create>>
sendSocket:
DatagramSocket
2: <<create>>
6: send(sendPacket)
8: receive(receivePacket)
sendPacket:
DatagramPacket

UCM Diagram


Client
Network
Host
Network
Server
C1 C2 C3
C4 h1
h2 h3 h4
h5 s1
s2 s3 s4
C7 C6
C5 h10
h9 h8 h7
h6 s7
s6 s5
C1 - form request
C2 - create datagram
C3 - Print request
C4 - send Datagram
C5 - receive Datagram
C6 - extract response
C7 - print response
h1 - recieve Datagram
h2 - extract request
h3 - print request
h4 - create Datagram
h5 - send Datagram
h6 - receive Datagram
h7 - extract response
h8 - create Datagram
h9 - send Datagram
h10 - print response
s1 - recieve Datagram
s2 - extract request
s3 - print request
s4 - create response
s5 - create Datagram
s6 - print response
s7 - send Datagram