RoutingTableEntry

destination:IPAddress
portCode:String
RoutingTableEntry()
addEntry(IPAddress, String)
toString():String()
searchForPort(IPAddress):String

IPAddress

address: int[]
subnet: int
IPAddress()
intialize(int[], int):boolean
initialize(IPAddress):boolean
readAddress(Scanner):boolean
readKeyboard():boolean
isValid():boolean
toString():String
getNetwork():IPAddress
isEqual(IPAddress):boolean

Router

routingTable:RoutingTableEntry[]
maxEntries: int
numEntries:int
Router()
processPackets(Packet)
displayTable()

Packet

sourceAddress:IPAddress
destinationAddress:IPAddress
packetData:String
Packet()
readPacket(Scanner):boolean
getDestNetwork():IPAddress
processFoundPacket(String):boolean
processNotFoundPacket(String):boolean
getPacketData(): String

DataPacket

processFoundPacket(String):boolean
processNotFoundPacket(String):boolean

RoutingPacket

processFoundPacket(String):boolean
processNotFoundPacket(String):boolean