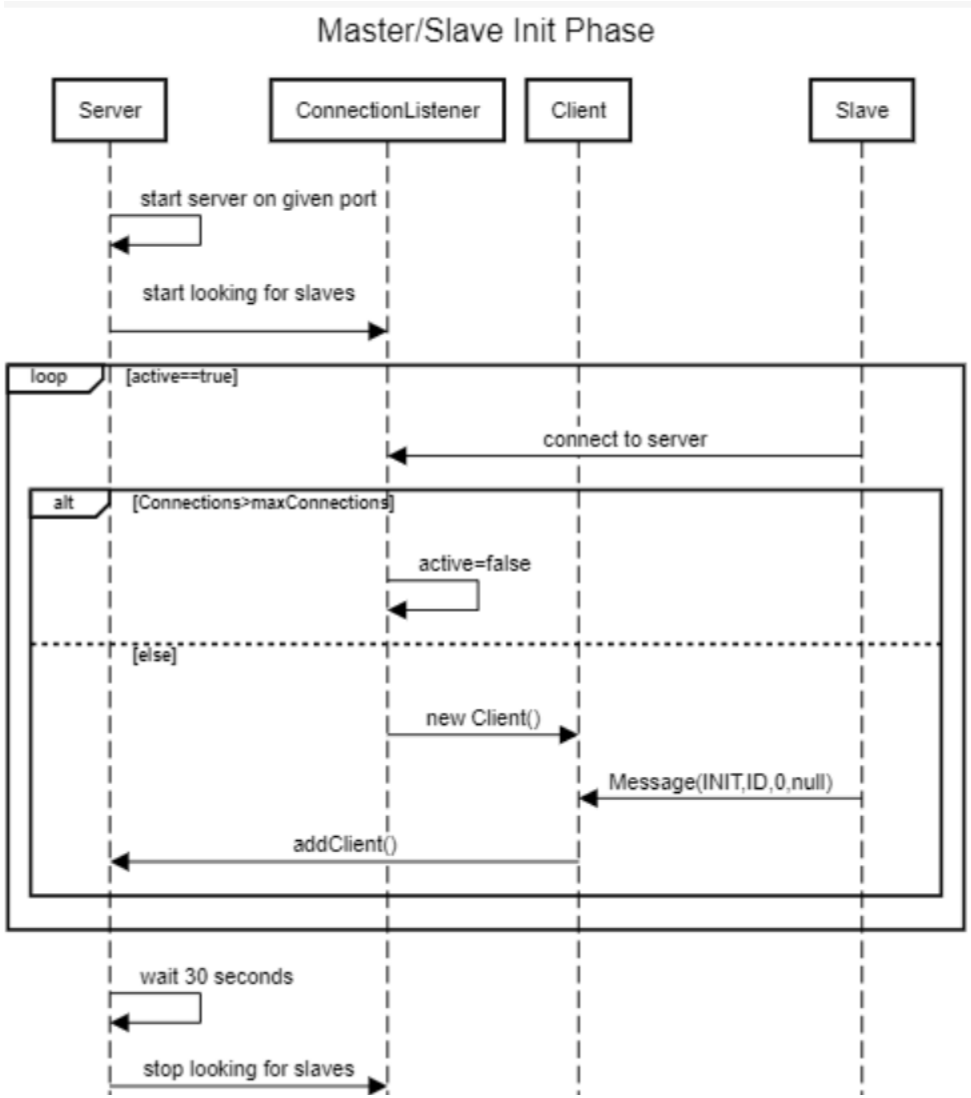
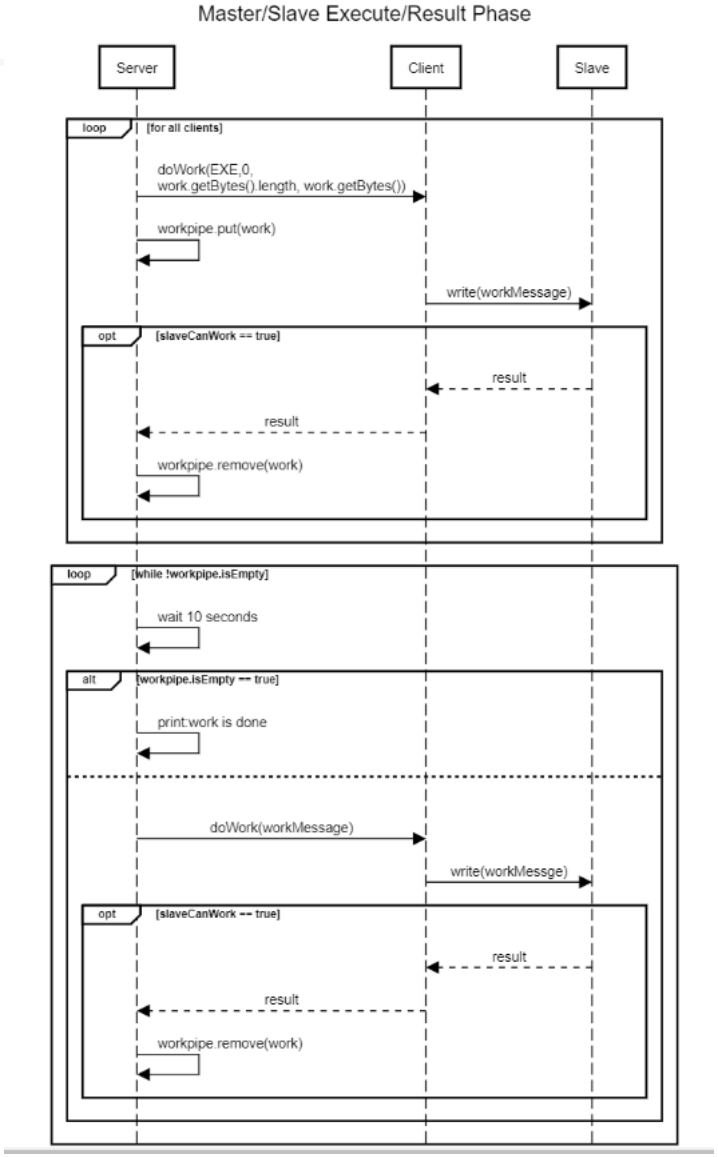

Master/Slave Init Phase
Server
ConnectionListener
Client
Slave
start server on given port
start looking for slaves
loop
[active==true]
connect to server
alt
[Connections>maxConnections]
active=false
[else]
new Client()
Message(INIT,ID,0,null)
addClient()
wait 30 seconds
stop looking for slaves


Master/Slave Execute/Result Phase
Server
Client
Slave
loop
[for all clients]
doWork(EXE,0,
work.getBytes().length, work.getBytes())
workpipe.put(work)
write(workMessage)
opt
[slaveCanWork == true]
result
result
workpipe.remove(work)
loop
[while !workpipe.isEmpty]
wait 10 seconds
alt
[workpipe.isEmpty == true]
print:work is done
doWork(workMessage)
write(workMessge)
opt
[slaveCanWork == true]
result
result
workpipe.remove(work)