Input→Master	Master→Server	Comments
⟨*id*⟩ start ⟨*n*⟩ ⟨*port*⟩	—	master starts a process with `./process id n port`
exit	—	master calls `./stopall` then exits
sleep ⟨*n*⟩	—	master sleeps for n milliseconds
⟨*id*⟩ crash	—	The master crashes the given process using a kill signal. Your `process` must be compatible with this.
⟨*id*⟩ get	get	the receiver responds to the master with its message log
⟨*id*⟩ alive	alive	the receiver responds to the master with the ids all processes it thinks are alive
⟨*id*⟩ broadcast ⟨*message*⟩	broadcast ⟨*message*⟩	the receiver broadcasts the given message to everyone alive, including themselves
—	connect ⟨*host*⟩:⟨*port*⟩	connect to host:port

Table 1: Table of commands. The left column shows commands provided as input to the master; the center column the corresponding commands issued by the master to the servers.

Server→Server	Server→Master	Comments
message ⟨*message*⟩	—	the receiver registers a message and does nothing with it
heartbeat ⟨*id*⟩	hearbeat ⟨*id*⟩	alerts the master or server that the socket is still alive