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zhang@ZHY MINGW64 ~ (main)
$ cd Desktop

zhang@ZHY MINGW64 ~/Desktop (main)
$ cd src

zhang@ZHY MINGW64 ~/Desktop/src (main)
$ javac paxos/*.java

zhang@ZHY MINGW64 ~/Desktop/src (main)
$ java paxos.PaxosTest
Paxos Test Suite
=====

Setting up test environment...
Loaded config for 9 members
M1 listening on port 9001
M1 started
Loaded config for 9 members
M2 listening on port 9002
M2 started
Loaded config for 9 members
M3 listening on port 9003
M3 started
Loaded config for 9 members
M4 listening on port 9004
M4 started
Loaded config for 9 members
M5 listening on port 9005
M5 started
Loaded config for 9 members
M6 listening on port 9006
M6 started
Loaded config for 9 members
M7 listening on port 9007
M7 started
Loaded config for 9 members
M8 listening on port 9008
M8 started
Loaded config for 9 members
M9 listening on port 9009
M9 started
Environment ready

=== Test: Single Proposal ===
M4 proposing M5 with 1.4
M3 promising 1.4
M1 promising 1.4
M6 promising 1.4
M5 promising 1.4
M2 promising 1.4
M8 promising 1.4
M7 promising 1.4
M9 promising 1.4
M4 got majority promises (5/9)
M1 accepting 1.4 = M5
M2 accepting 1.4 = M5
M3 accepting 1.4 = M5
M6 accepting 1.4 = M5
M9 accepting 1.4 = M5
M4 achieved consensus! M5
M8 accepting 1.4 = M5
```

```
zhang@ZHY MINGW64 ~ (main)
$ cd Desktop/src

zhang@ZHY MINGW64 ~/Desktop/src (main)
$ java paxos.CouncilMember M3 network.config
Loaded config for 9 members
M3 listening on port 9003
M3 started
M3 ready. Commands: <candidate>, status, quit
M5
M3 proposing M5 with 1.3
M3 got majority promises (5/9)
M3 achieved consensus! M5
status
M3 [Proposing:No, Promised:None, Accepted:None->None, Learned:None]
```

```
zhang@ZHY MINGW64 ~ (main)
$ cd Desktop

zhang@ZHY MINGW64 ~/Desktop (main)
$ cd src

zhang@ZHY MINGW64 ~/Desktop/src (main)
$ java paxos.CouncilMember M1 network.config
Loaded config for 9 members
M1 listening on port 9001
M1 started
M1 ready. Commands: <candidate>, status, quit
M1 promising 1.3
M1 accepting 1.3 = M5
CONSENSUS: M5 elected as Council President!
M1 learned consensus from M3
status
M1 [Proposing:No, Promised:1.3, Accepted:1.3->M5, Learned:M5]
```