**Linked state**

set distance {2 3 8 6}

for { set i 1 } { $i < 5 } { incr i } {

dict set dict1 [lindex $distance $i] $i

}

puts $dict1

set n 4

set distance [lsort $distance]

puts $distance

puts $n

set ns [new Simulator]

set nr [open dist.tr w]

$ns trace-all $nr

set nf [open dist.nam w]

$ns namtrace-all $nf

proc finish { } {

global ns nr nf

$ns flush-trace

close $nf

close $nr

exec nam dist.nam &

exit 0

}

for { set i 0 } { $i<5} { incr i 1 } {

puts $i

set nd($i) [$ns node]}

for { set i 1 } { $i <5 } { incr i 1 } {

$ns duplex-link $nd(0) $nd($i) 1Mb 10ms DropTail}

for { set i 1 } {$i < 5} { incr i 1 } {

set udp($i) [new Agent/UDP]

$ns attach-agent $nd(0) $udp($i)

set null($i) [new Agent/Null]

set cbr($i) [new Application/Traffic/CBR]

$cbr($i) attach-agent $udp($i)

set b [lindex $distance $i]

puts $b

set x [dict get $dict1 $b]

puts $x

$ns attach-agent $nd($x) $null($i)

$ns connect $udp($i) $null($i)

}

puts $cbr(1)

$ns at 0.1 "$cbr(1) start"

$ns at 2.5 "$cbr(1) stop"

$ns at 2.6 "$cbr(2) start"

$ns at 3.9 "$cbr(2) stop"

$ns at 4.1 "$cbr(3) start"

$ns at 6.5 "$cbr(3) stop"

$ns at 6.5 "$cbr(4) start"

$ns at 9.0 "$cbr(4) stop"

$ns at 10.0 "finish"

$ns run

**OUTPUT**

