Java	oTcl	
a = 5	set a 5	
b = a	set b $a	
sum(5,6)	sum 5 6	

| Myclass ob; ob=new MyClass(); | set ob [new MyClass] | → processing रहेगा |

| ob.var = 5 | $ob set var 5 | [ ] |
| ob.fun(5) | $ob fun 5 | |

0   1
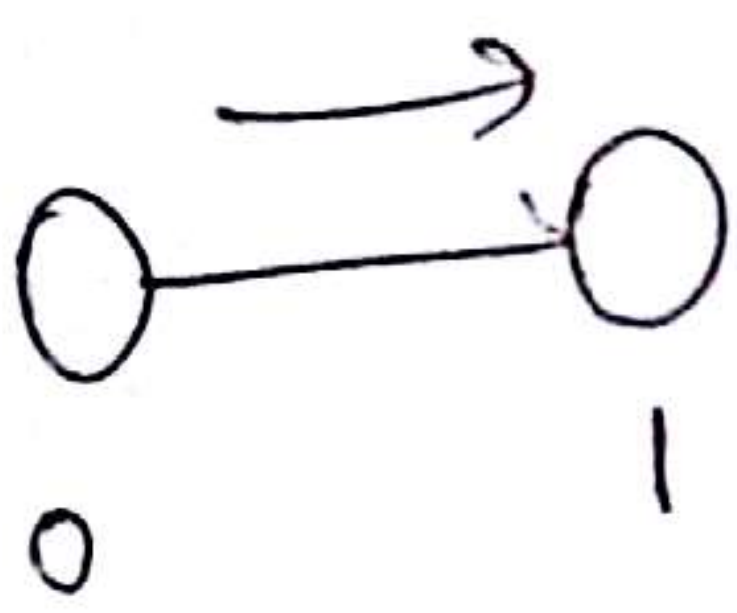
```
set ns [new Simulator]
set nR [open test.tr w]
$ns trace-all $nR
$ns rtproto DV ——→ DVR
set n0 [$ns node]
set n1 [$ns node]
$ns duplex-link $n0 $n1   1Mb   10ms   DropTail
                         ————  ————
                          BW    delay
```

~~(ob.setA)~~

ob.setA (---)

```
set cbr0        [new Application/Traffic/CBR]

$cbr0 set packetSize_  500
$cbr0 set interval_    0.005
set udp0 [new Agent/UDP]
$ns attach-agent $n0 $udp0
$cbr0 attach-agent $udp0
set null0 [new Agent/Null]          $ns connect $null0 $udp0
$ns attach-agent $n1 $null0
$ns attache $ns at 0.1  "$cbr0 start"   (কখন packet
$ns at 5.0 "$cbr0 stop"                  পাঠানো শুরু
proc finish{} {                          করবে)
    global ns nR
    $ns flush-trace
    close $nR
    exit 0
}
```
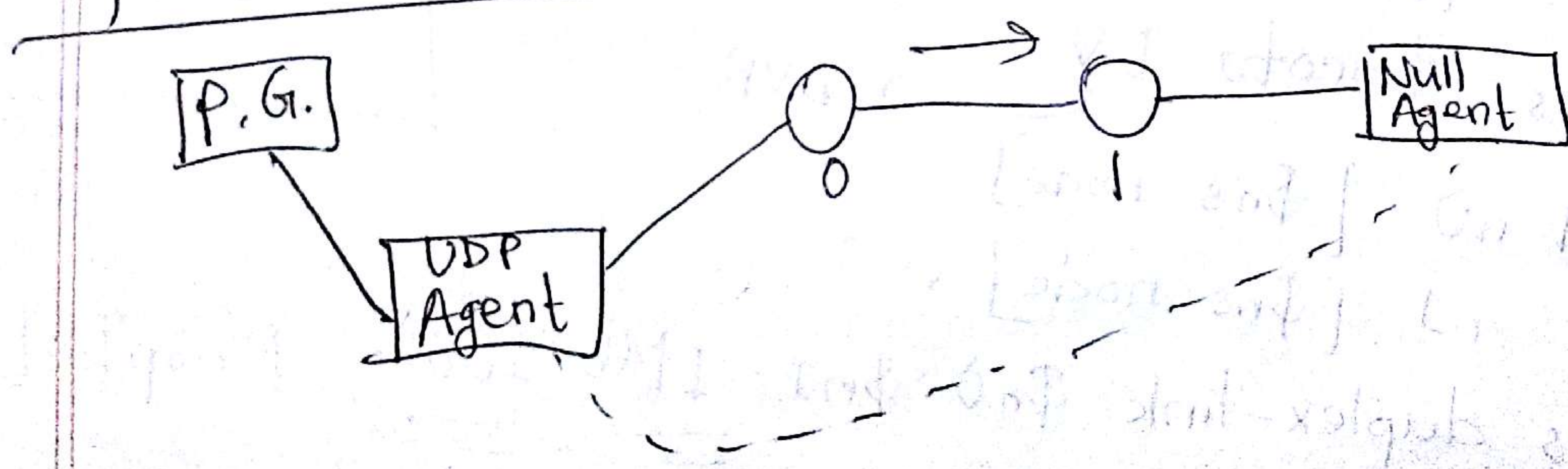
$ns ~~run at 50~~ at 5.1 "finish"
$ns run
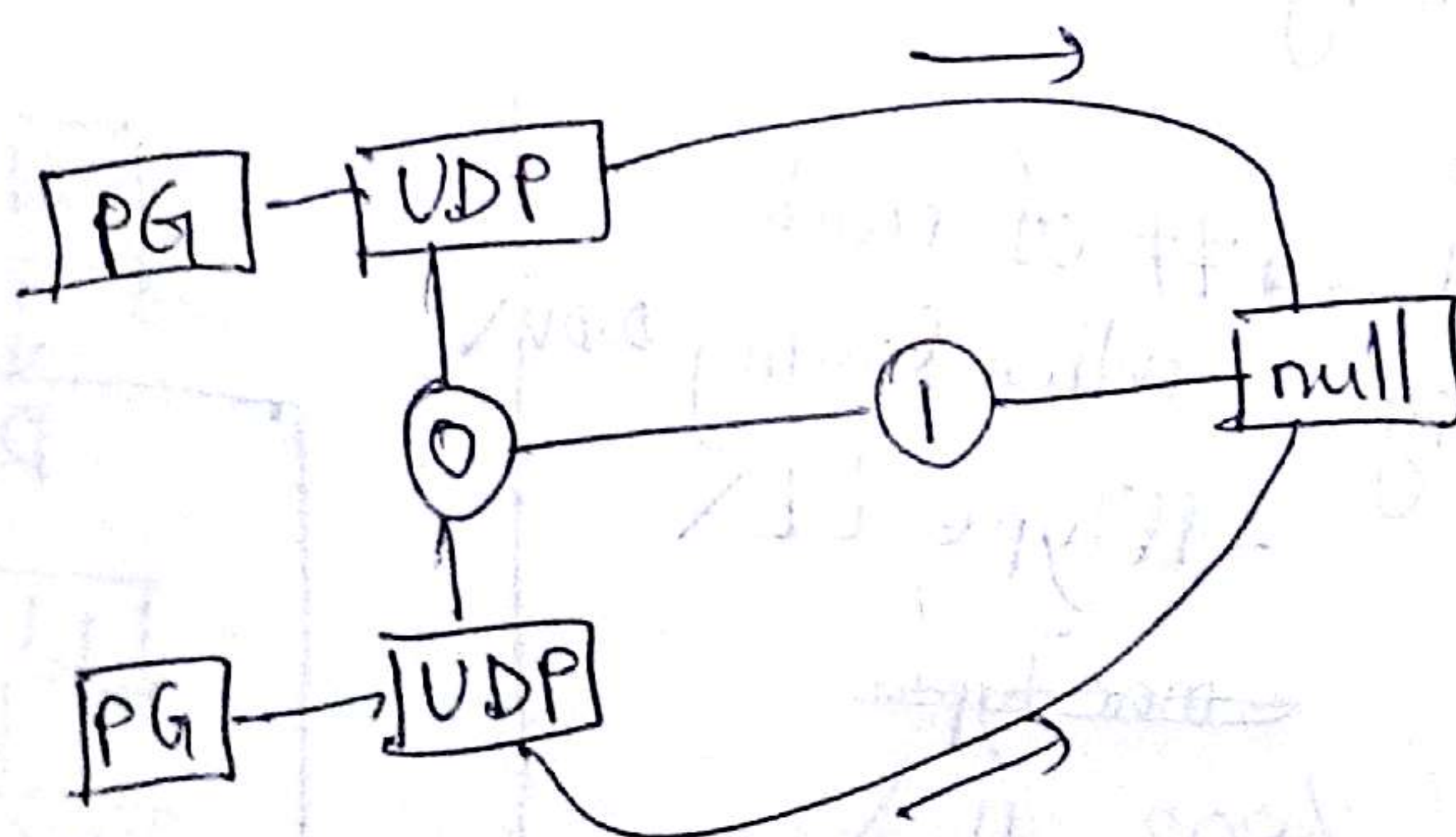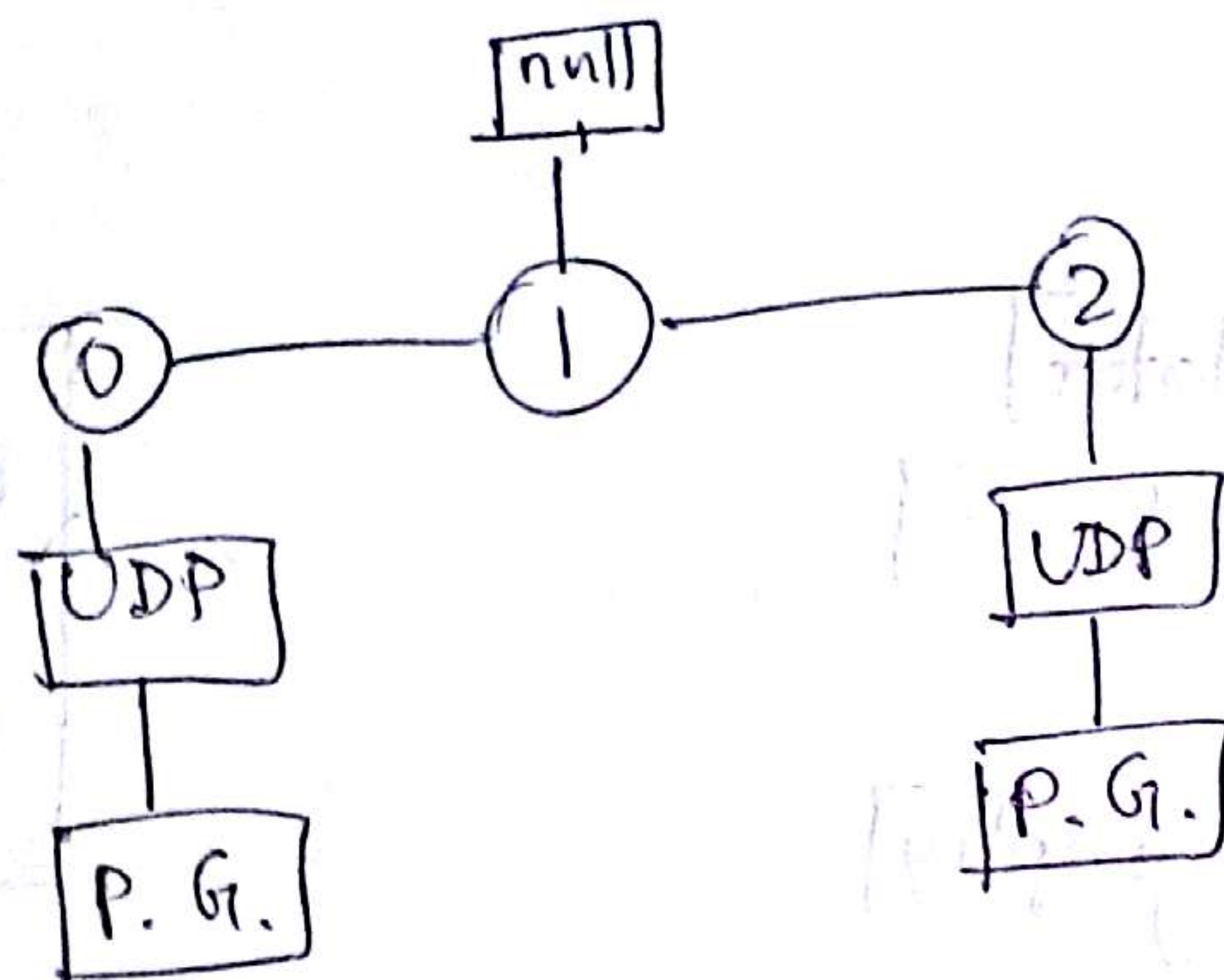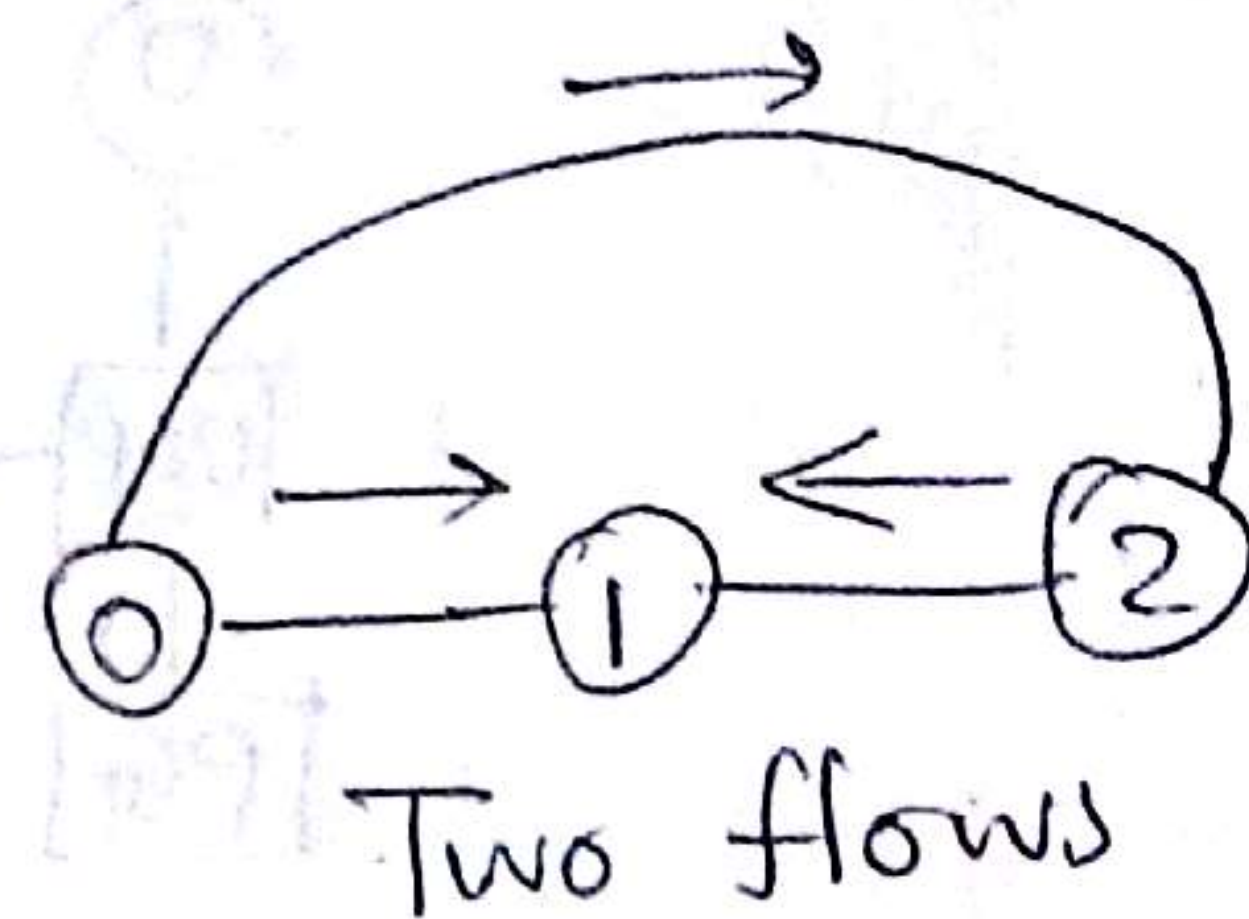
Two flows

Two flows

Wireless:

```
[UDP]—[PG]
  |
  O              (I)—[Null]
  |
[UDP]
  |
[PG]
```
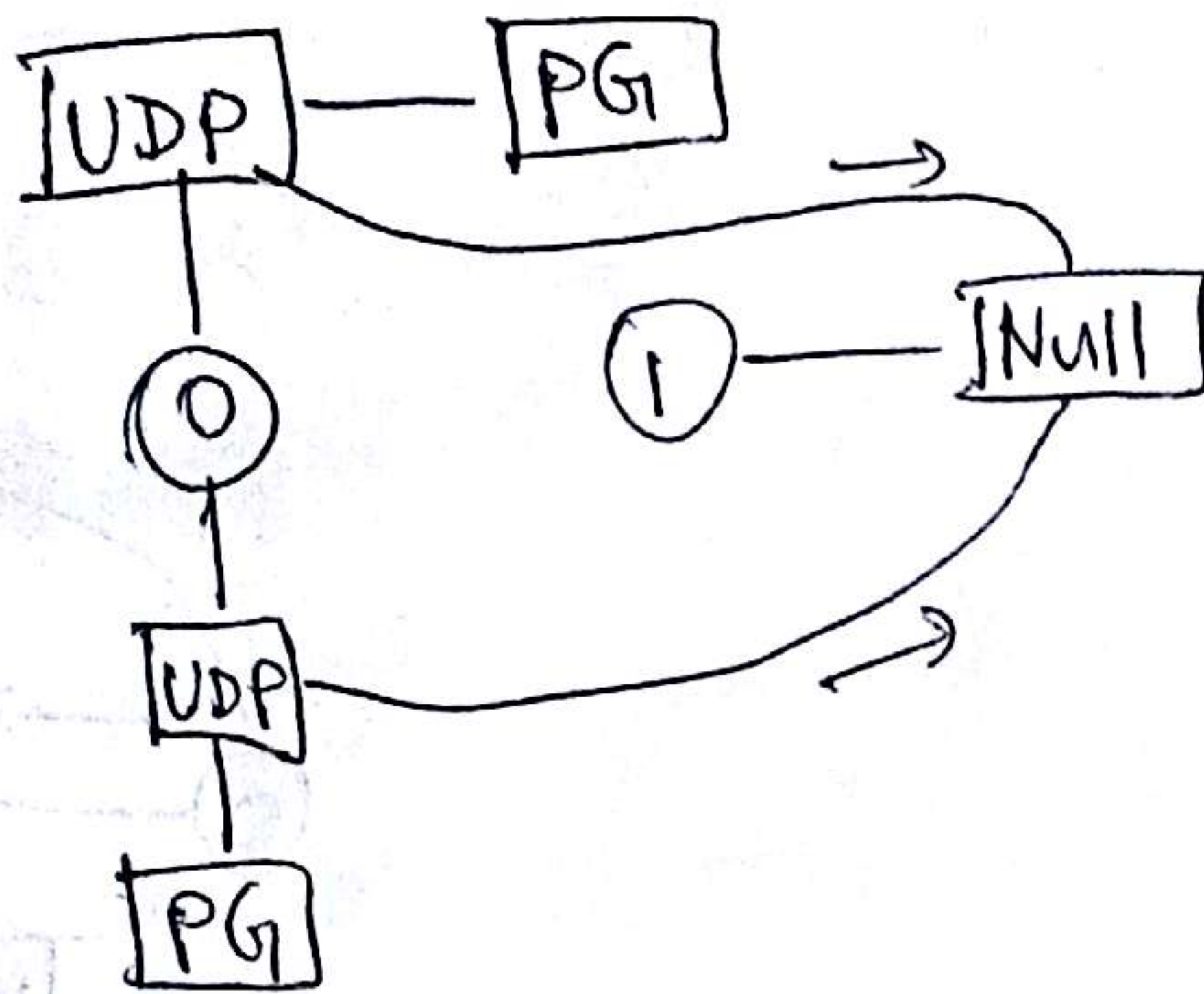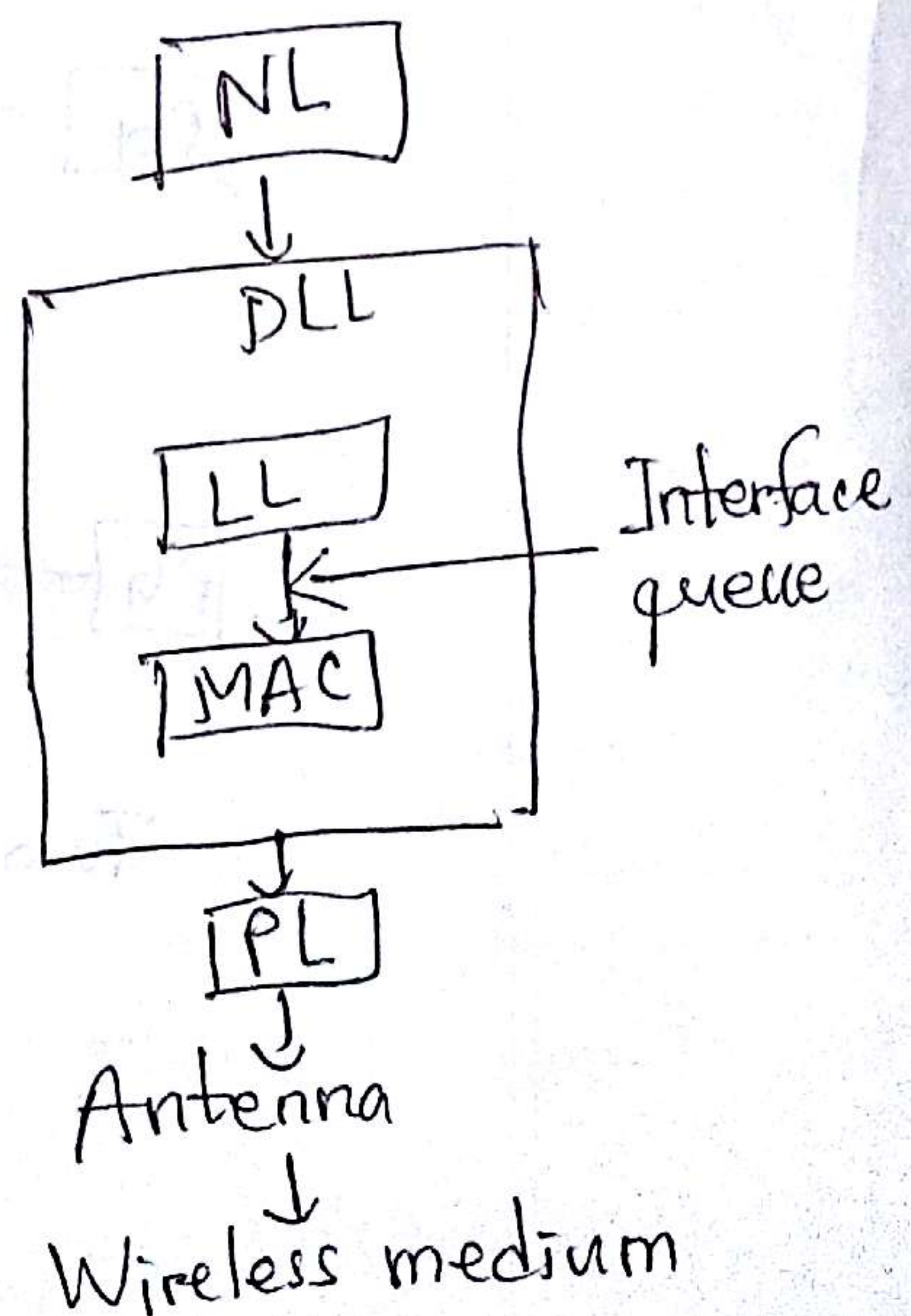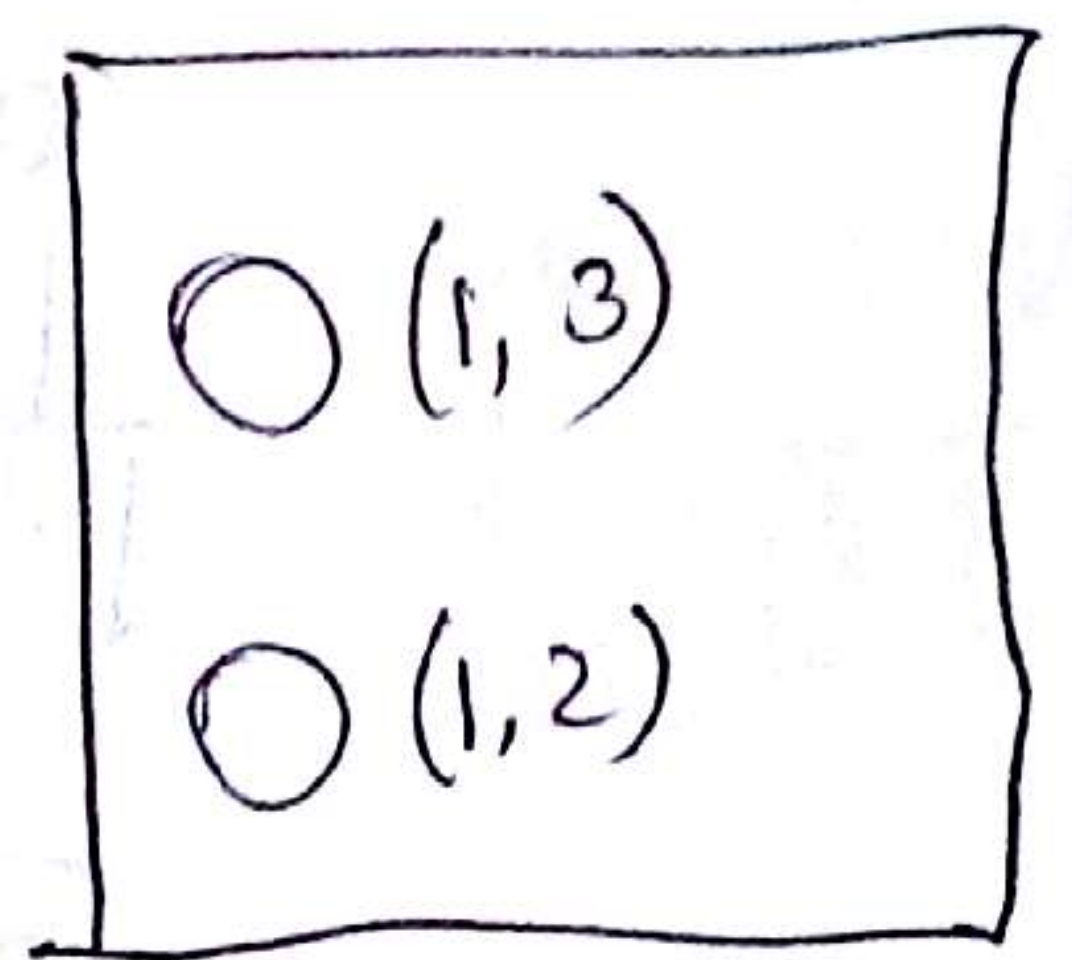
set ns [new Simulator]

set nF [open test.tr w]

$ns trace_all $nF

set topo [new Topography]

$topo load_flatgrid 500 500

god_create 2 ⟶ # of nodes

$ns node_config   — adhoc Routing DSDV \
                    — llType LL \
                    ~~macType~~

— macType Mac/802_11 \

— ifqlen 50 \

~~— RaType Q ifqType~~

— ifqType Queue/DropTail/PriQueue \

```
O (1,3)

O (1,2)
```

```
[NL]
  ↓
 DLL
  ┌──────┐
  │ [LL] │         — Interface
  │  ↓K──┼──────     queue
  │[MAC] │
  └──────┘
  ↓
[IPL]
  ↓
Antenna
  ↓
Wireless medium
```

Energy consume $\longrightarrow$ state : receive, transmission, idle, sleep

-phyType   Phy/WirelessPhy\
-antType   Antenna/OmniAntenna\
-propType   . — — —
— topo Instance $topo
-agentrace ON

set n0 [$ns node]

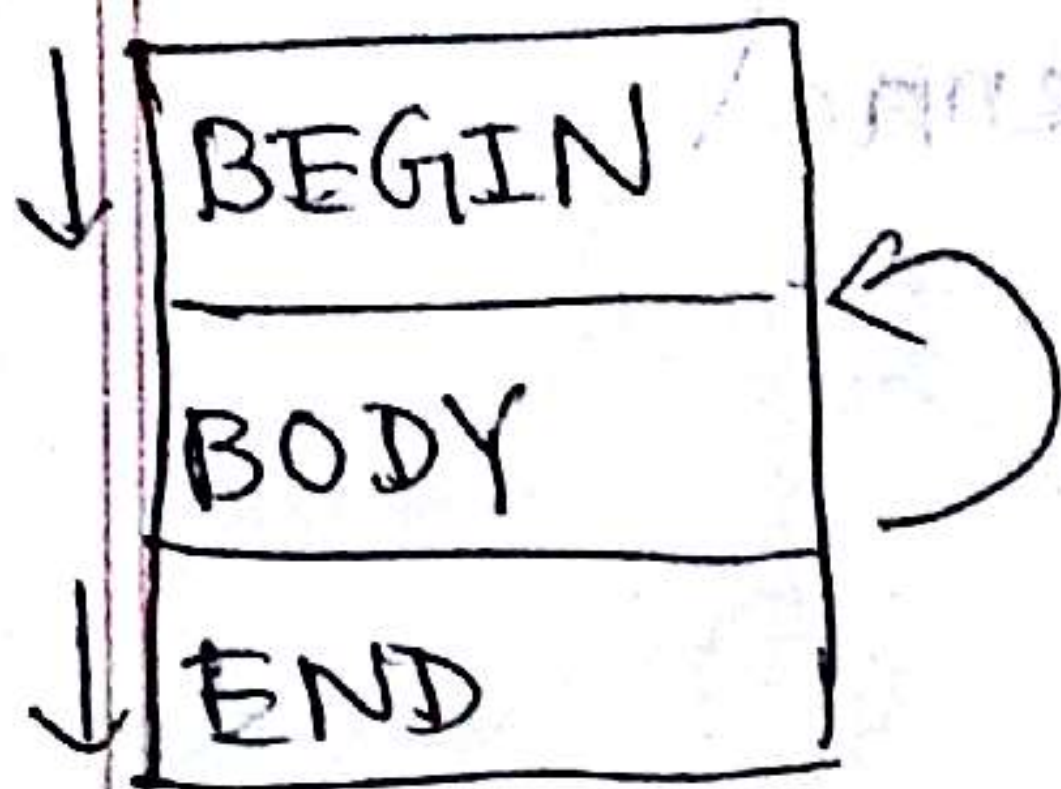$n0 set X_ 10

$n0 set Y_ 5

$n0 set Z_ 0

$n0 random_motion 0

Vary

#of nodes
# of flow
# of packets/sec

Awk

```
┌─────────┐
│ BEGIN   │ ←
├─────────┤
│ BODY    │ ↺
├─────────┤
│ END     │ ←
└─────────┘
```

BEGIN {

___   ___

___   ___

}

{