```
#include <stdio.h>
                                                             char stuff
                                                                                                                                       stopwait
int main()
                                                             #include <stdio.h>
                                                                                                                                       #include<stdio.h>
                                                             #include <string.h>
                                                                                                                                       #include<stdlib.h>
int i=0,j=0,count=0;
                                                             int main()
                                                                                                                                       int main()
char frame[100],stufframe[200]="\0";
                                                             { int i=0,j=0;
                                                             char frame[20], stuffframe[50]="\0";
printf("enter the bits: "):
                                                                                                                                      int i.i.noframes.x.x2:
scanf("%s",frame);
                                                             printf("Enter Frame\n");
printf("\nAfter bit stuffing \n"):
                                                             scanf("%s", frame):
                                                                                                                                       j=1;
strcpy(stufframe,"01111110");
                                                             /* Insert the DLESTX Flag*/
                                                                                                                                      printf("Enter No of frames\t:");
                                                             strcpy(stuffframe,"DLESTX");
j=strlen("DLESTX");
j=strlen(stufframe);
                                                                                                                                       scanf("%d", &noframes);
for(i=0;frame[i]; i++)
                                                                                                                                      while(noframes>0)
                                                            for(i=0; i<strlen(frame); i++) {
    if(frame [i]=='D' && frame [i+1]=='L' && frame [i+2]=='E') {
                                                                                                                                       { printf("\nsending frame\t:%d",i);
               if(frame[i]=='1')
                                                                                                                                         x=rand()%15:
                                                             stuffframe [j++]='D';
                                                                                                                                       if(x%5==0) {
               count++;
               else
count=0;
                                                            stuffframe [j++]='L';
stuffframe [j++]='E';
                                                                                                                                       for(x2=1;x2<2;x2++) {
                                                                                                                                      printf("\nwaiting for %d seconds for acknolegement",x2);
                stufframe[j++]=frame[i];
                                                             stuffframe [j++]= frame[i++];
                                                                                                                                       sleep(x2);
                                                            stuffframe [j++]= frame [i++];
stuffframe [j++]= frame [i];
                if(count==5)
                                                                                                                                      printf("\n sending frames %d\n ",i);
                stufframe[j++]='0';
                                                                                                                                                      x=rand()%10; }
                                                                                                                                      printf("\nAcknoledgement received for frame %d\n",j);
               count=0;
                                                             else
                                                            stuffframe [j++]= frame [i]; }
                                                                                                                                      noframes-=1;
                                                            strcat(stuffframe,"DLEETX");
printf("\nFrame after stuffing:\n");
strcat(stufframe,"01111110");
printf("%s",stufframe);
                                                             printf("%s", stuffframe);
                                                                                                                                      } printf("END of stop and wait protocol\n"); }
return 0; }
                                                             return 0; }
link state routing
                                                             lan610
                                                                                                                                      lannnodegraph
set ns [new Simulator]
                                                             set ns [new Simulator]
                                                                                                                                       set ns [new Simulator]
                                                             set tf [open lab3.tr wl
set nr lopen thro.tr wl
                                                                                                                                      set tf (open lab4.tr w)
                                                             $ns trace-all $tf
$ns trace-all $nr
                                                                                                                                      $ns trace-all $tf
set nf [open thro.nam w]
$ns namtrace-all $nf
                                                            set nf [open lab3.nam w]
$ns namtrace-all $nf
                                                                                                                                       set nf [open lab4.nam w]
                                                                                                                                       $ns namtrace-all $nf
    proc finish { } {
                                                             $ns color 0 blue
                                                                                                                                      $ns color 1 "blue"
     global ns nr nf
                                                             set n0 ($ns node)
                                                                                                                                       $ns color 2 "green
     $ns flush-trace
                                                             $n0 color "red"
                                                                                                                                      set n0 [$ns node]
     close $nf
                                                             set n1 ($ns node)
                                                                                                                                       $n0 color "magenta"
                                                                                                                                       $n0 label "src1"
    close $nr
                                                             $n1 color "red"
                                                             set n2 [$ns node]
    exec nam thro.nam &
                                                                                                                                      set n1 [$ns node]
exit 0 } for { set i 0 } { $i < 12} { incr i 1 } {
                                                             $n2 color "red"
                                                                                                                                      set n2 [$ns node]
                                                             set n3 [$ns node]
                                                                                                                                      $n2 color "magenta"
set n($i) [$ns node]}
                                                             $n3 color "red"
                                                                                                                                       $n2 label "src2"
                                                             set n4 [$ns node]
                                                                                                                                      set n3 ($ns node)
for {set i 0} {$i < 8} {incr i} {
                                                             $n4 color "purple"
                                                                                                                                      $n3 color "blue'
$ns duplex-link $n($i) $n([expr $i+1]) 1Mb 10ms
DropTail }
                                                                                                                                      $n3 label "dest2"
                                                             set n5 [$ns node]
                                                                                                                                      set n4 [$ns node]
                                                             $n5 color "purple
                                                             set n6 [$ns node]
                                                                                                                                       set n5 [$ns node]
Śns duplex-link Śn(0) Śn(8) 1Mb 10ms DropTail
                                                             $n6 color "purple'
set n7 [$ns node]
                                                                                                                                       $n5 color "blue
$ns duplex-link $n(1) $n(10) 1Mb 10ms DropTail
                                                                                                                                       $n5 label "dest1"
$ns duplex-link $n(0) $n(9) 1Mb 10ms DropTail
$ns duplex-link $n(9) $n(11) 1Mb 10ms DropTail
                                                             $n7 color "purple"
$n1 label "Source/UDP"
                                                                                                                                       set lan [$ns newLan "$n0 $n1 $n2 $n3 $n4" 100Mb 100ms LL Queue/DropTail
                                                                                                                                       Mac/802 31
                                                                                                                                      $ns duplex-link $n4 $n5 1Mb 1ms DropTail
$ns duplex-link $n(10) $n(11) 1Mb 10ms DropTail
                                                             $n3 label "Error node"
                                                             .
$n7 lahel "Destination"
                                                                                                                                      set tcp0 [new Agent/TCP]
$ns attach-agent $n0 $tcp0
Śns duplex-link Śn(11) Śn(5) 1Mb 10ms DropTail
set udp0 [new Agent/UDP]
                                                             set lan [$ns newLan "$n0 $n1 $n2 $n3" 100Mb 300ms LL
                                                            Queue/DropTail Mac/802_3]
set lan [$ns newLan "$n4 $n5 $n6 $n7" 100Mb 300ms LL
$ns attach-agent $n(0) $udp0
                                                                                                                                       set ftp0 [new Application/FTP]
set cbr0 [new Application/Traffic/CBR]
                                                                                                                                      Sftp0 attach-agent Stcp0
$cbr0 set packetSize_ 500
                                                             Queue/DropTail Mac/802_3]
                                                                                                                                       $ftp0 set packetSize_ 500
$cbr0 set interval_ 0.005
$cbr0 attach-agent $udp0
                                                             Sns duplex-link Sn3 Sn4 100Mb 300ms DropTail
                                                                                                                                       $ftp0 set interval_ 0.0001
                                                             $ns duplex-link-op $n3 $n4 color "green"
                                                                                                                                       set sink5 [new Agent/TCPSink]
set null0 [new Agent/Null]
                                                             set err [new ErrorModel]
                                                                                                                                       $ns attach-agent $n5 $sink5
$ns attach-agent $n(5) $null0
                                                             Sns Jossmodel Serr Sn3 Sn4
                                                                                                                                       $ns connect $tcp0 $sink5
$ns connect $udp0 $null0
                                                             $err set rate_ 0.1
                                                                                                                                       set tcp2 [new Agent/TCP]
                                                             set udp [new Agent/UDP]
set udp1 [new Agent/UDP]
                                                                                                                                       $ns attach-agent $n2 $tcp2
                                                                                                                                       set ftp2 [new Application/FTP]
$ns attach-agent $n(1) $udp1
                                                             $ns attach-agent $n1 $udp
set cbr1 [new Application/Traffic/CBR]
                                                             set cbr [new Application/Traffic/CBR]
                                                                                                                                       $ftp2 attach-agent $tcp2
$cbr1 set packetSize_ 500
                                                             $cbr attach-agent $udp
                                                                                                                                       $ftp2 set packetSize 600
$cbr1 set interval_ 0.005
                                                             $cbr set fid_ 0
                                                                                                                                       $ftp2 set interval_ 0.001
                                                             $cbr set packetSize_ 1000
$cbr1 attach-agent $udp1
                                                                                                                                       set sink3 [new Agent/TCPSink]
set null0 [new Agent/Null]
                                                             $cbr set interval_ 0.0001
                                                                                                                                      $ns attach-agent $n3 $sink3
$ns attach-agent $n(5) $null0
                                                             set null [new Agent/Null]
                                                                                                                                       $ns connect $tcp2 $sink3
$ns connect $udp1 $null0
                                                             $ns attach-agent $n7 $null
                                                                                                                                       Stcp0 set fid 1
$ns rtproto LS
                                                             $ns connect $udp $null
                                                                                                                                       $tcp2 set fid_ 2
                                                                                                                                      set file1 [open file1.tr w]
$tcp0 attach $file1
$ns rtmodel-at 10.0 down $n(11) $n(5)
                                                             proc finish { } {
$ns rtmodel-at 15.0 down $n(7) $n(6)
                                                             global ns nf tf
$ns rtmodel-at 30.0 up $n(11) $n(5)
                                                             $ns flush-trace
                                                                                                                                       set file2 [open file2.tr w]
$ns rtmodel-at 20.0 up $n(7) $n(6)
                                                             close $nf
                                                                                                                                      Stcp2 attach Sfile2
$udp0 set fid_ 1
                                                             close Stf
                                                                                                                                       $tcp0 trace cwnd_
$udp1 set fid_ 2
                                                             exec nam lab3.nam &
                                                                                                                                      $tcp2 trace cwnd_
                                                                                                                                      proc finish { } {
$ns color 1 Red
                                                             exit 0
$ns color 2 Green
                                                                                                                                       global ns nf tf
$ns at 1.0 "$cbr0 start"
$ns at 2.0 "$cbr1 start"
                                                             ,
Sns at 0.1 "Schr start".
                                                                                                                                       Śns flush-trace
                                                             $ns at 2.0 "$cbr stop
                                                                                                                                      close $tf
$ns at 45 "finish"
                                                             $ns at 3.0 "finish"
                                                                                                                                      close $nf
                                                                                                                                      exec nam lab4.nam &
Śns run
                                                             Śns run
                                                             File : lab3.awk
                                                                                                                                      $ns at 0.1 "$ftp0 start"
                                                             begin { pkt = 0;
                                                                                                                                      $ns at 7 "$ftp0 start"
$ns at 7 "$ftp0 start"
$ns at 0.2 "$ftp2 start"
                                                             time = 0;
                                                             udpacket = 0: }
                                                             if($1=="r" && $3=="3" && $4=="4" && $5=="cbr")
                                                                                                                                      $ns at 8 "$ftp2 stop"
                                                             { pkt = pkt+$6; time=$2; udpacket++; }
                                                                                                                                       Sns at 14 "Sftp0 stop"
                                                                                                                                       $ns at 10 "$ftp2 start"
                                                                                                                                      $ns at 15 "$ftp2 stop"
$ns at 16 "finish"
                                                             printf "througput : %f MBPS\n",((pkt / time)*(8/1000000));
                                                            printf "the packets received is : %d\n",udpacket;
printf "the packets calculated is : %d\n",pkt;
                                                                                                                                       $ns run
                                                             printf "the time duration is : %d\n",time; }
                                                                                                                                       awk file
                                                                                                                                      begin { }
                                                                                                                                      { if ($6=="cwnd_")
printf ("%f\t%f\t\n", $1, $7); }
                                                                                                                                       end {}
                                                                                                                                      Command:
-f awk filename.awk filename1.tr > a1
                                                                                                                                      -f awk filename.awk filename2.tr > a2
                                                                                                                                       To get Graph:
                                                                                                                                      xgraph a1 a2
```

```
pointopoint4node
                                                                                                                                         distance vector
set ns [new Simulator]
                                                                                     set ns [ new Simulator ]
                                                                                                                                         #include<stdio.h>
set tf [open lab8.tr w]
$ns trace-all $tf
                                                                                     set tf [ open lab1.tr w ]
                                                                                                                                         struct node
                                                                                     $ns trace-all $tf
                                                                                                                                         { intdist[20];
set topo [new Topography]
$topo load_flatgrid 1000 1000
                                                                                     set nf [ open lab1.nam w ]
                                                                                                                                         int from[20];
                                                                                     $ns namtrace-all $nf
                                                                                                                                         } router[10]:
set nf [open lab8.nam w]
                                                                                     set n0 [$ns node]
                                                                                                                                         int main() {
$ns namtrace-all-wireless $nf 1000 1000
                                                                                    set n1 [$ns node]
                                                                                                                                         intdmat[20][20]:
$ns node-config -adhocRouting AODV \
                                                                                     set n2 [$ns node]
                                                                                                                                         intno,i,j,k,count=1;
                                 -IIType LL \
                                                                                     set n3 [$ns node]
                                                                                                                                         printf("\nEnter the number of nodes :\n");
                                 -macType Mac/802 11\
                                                                                     $ns color 1 "red"
                                                                                                                                         scanf("%d".&no):
                                  ifqType Queue/DropTail \
                                                                                     $ns color 2 "blue"
                                                                                                                                         printf("\nEnter the distance matrix :\n");
                                 -ifaLen 50 \
                                                                                     $n0 label "Source/udp0"
                                                                                                                                         for(i=1:i<=no:i++)
                                                                                     $n1 label "Source/udp1"
                                 -phyType Phy/WirelessPhy \
                                                                                                                                         for(j=1;j<=no;j++) {
                                  channelType Channel/WirelessChannel \
                                                                                     $n2 label "Router"
                                                                                                                                         scanf("%d",&dmat[i][j]);
                                 -propType Propagation/TwoRayGround \
                                                                                     $n3 label "Destination/Null"
                                                                                                                                         dmat[i][i]=0:
                                 -antType Antenna/OmniAntenna \
                                                                                     Sns duplex-link Sn0 Sn2 10Mb 300ms
                                                                                                                                         router[i].dist[j]=dmat[i][j];
                                 -topolnstance $topo \
                                                                                     DropTail
                                                                                                                                         router[i].from[j]=j; }
                                 -agentTrace ON \
                                                                                     $ns duplex-link $n1 $n2 10Mb 300ms
                                                                                                                                         do {
                                 -routerTrace ON
                                                                                     DropTail
                                                                                                                                         for(i=1;i<=no;i++)
                                                                                     Sns duplex-link Sn2 Sn3 1Mb 300ms
                                                                                                                                         for(j=1;j<=no;j++)
                                                                                                                                         for(k=1;k<=no;k++)
create-god 3
                                                                                    DropTail
set n0 [$ns node]
set n1 [$ns node]
                                                                                    $ns set queue-limit $n0 $n2 10
$ns set queue-limit $n1 $n2 10
                                                                                                                                         if(router[i].dist[j]>dmat[i][k]+router[k].dist[j]) {
router[i].dist[j]=router[i].dist[k]+router[k].dist[j];
                                                                                     $ns set queue-limit $n2 $n3 5
set n2 [$ns node]
                                                                                                                                         router[i].from[j]=k; }
                                                                                                                                         count++;
}while(count<no);
$n0 label "tcn0"
                                                                                     set udp0 [new Agent/UDP]
$n1 label "sink1/tcp1"
                                                                                     $ns attach-agent $n0 $udp0
$n2 label "sink2"
$n0 set X_50
                                                                                     set cbr0 [new Application/Traffic/CBR]
                                                                                                                                         for(i=1;i<=no;i++) {
printf("\nRouter table for router %c is \n",i+64);
                                                                                     Scbr0 attach-agent Sudp0
$n0 set Y_ 50
                                                                                     set null3 [new Agent/Null]
                                                                                                                                         for(j=1;j<=no;j++)
                                                                                    $ns attach-agent $n3 $null3
set udp1 [new Agent/UDP]
$n0 set Z_ 0
                                                                                                                                         printf("\tNode %d Via %d, Distance : %d\n",j,router[i].from[j],router[i].dist[j]); }
$n1 set X_ 100
                                                                                                                                         return 0; }
$n1 set Y_ 100
                                                                                     $ns attach-agent $n1 $udp1
                                                                                                                                         tcp_udp
set ns [new Simulator]
                                                                                     set cbr1 [new Application/Traffic/CBR]
Śn1 set Z 0
$n2 set X_ 600
                                                                                     $cbr1 attach-agent $udp1
                                                                                                                                         set tf [open lab2.tr w]
$n2 set Y 600
                                                                                     Sudp0 set class 1
                                                                                                                                         Śns trace-all Śtf
$n2 set Z_ 0
                                                                                                                                         set nf [open lab2.nam w]
                                                                                     Sudp1 set class 2
$ns at 0.1 "$n0 setdest 50 50 15"
                                                                                     $ns connect $udp0 $null3
                                                                                                                                         $ns namtrace-all $nf
                                                                                                                                         set n0 ($ns node) set n1 ($ns node)
$ns at 0.1 "$n1 setdest 100 100 25"
                                                                                     $ns connect $udp1 $null3
$ns at 0.1 "$n2 setdest 600 600 25"
                                                                                     $cbr1 set packetSize_ 500
                                                                                                                                         set n2 [$ns node] set n3 [$ns node]
                                                                                                                                         $ns color 1 "red" $ns color 2 "blue"
$n0 label "source/TCP" $n1 label "source/UDP"
set tcp0 [new Agent/TCP]
                                                                                     $cbr1 set interval 0.005
$ns attach-agent $n0 $tcp0
                                                                                    proc finish { } {
                                                                                                                                         $n2 label "Router" $n3 label "destination"
$ns duplex-link $n0 $n2 100Mb 1ms DropTail
set ftp0 [new Application/FTP]
Sftp0 attach-agent Stcp0
                                                                                     Sns flush-trace
set sink1 [new Agent/TCPSink]
                                                                                     exec nam lab1.nam &
                                                                                                                                         $ns duplex-link $n1 $n2 100Mb 1ms DropTail
$ns attach-agent $n1 $sink1
                                                                                    close Stf
                                                                                                                                         Sns duplex-link Sn2 Sn3 100Mb 1ms DropTail
$ns connect $tcp0 $sink1
                                                                                                                                         $ns duplex-link-op $n0 $n2 color "green"
                                                                                    close $nf
                                                                                    exit 0
                                                                                                                                         $ns duplex-link-op $n0 $n2 label "from 0-2"
set tcp1 [new Agent/TCP]
$ns attach-agent $n1 $tcp1
                                                                                                                                         $ns duplex-link-op $n1 $n2 color "green
                                                                                                                                         $ns duplex-link-op $n1 $n2 label "from 1-2"
set ftp1 [new Application/FTP]
                                                                                     #Schedule the Events
                                                                                    $ns at 0.1 "$cbr0 start"
$ns at 0.1 "$cbr1 start"
                                                                                                                                         $ns duplex-link-op $n2 $n3 color "green"
$ns duplex-link-op $n2 $n3 label "from 2-3"
$ftp1 attach-agent $tcp1
set sink2 [new Agent/TCPSink]
$ns attach-agent $n2 $sink2
                                                                                     $ns at 10.0 "finish"
                                                                                                                                         set tcp0 [new Agent/TCP]
                                                                                    $ns run
File: lab1.awk
                                                                                                                                         $ns attach-agent $n0 $tcp0 set ftp0 [new Application/FTP]
$ns connect $tcp1 $sink2
$ns at 5 "$ftp0 start"
$ns at 5 "$ftp1 start"
                                                                                    #!/usr/bin/awk -f
BEGIN{ cbrPkt=0;
                                                                                                                                         $ftp0 attach-agent $tcp0
set sink3 [new Agent/TCPSink]
$ns at 100 "$n1 setdest 550 550 15"
$ns at 190 "$n1 setdest 70 70 15"
                                                                                     tcpPkt=0;}
                                                                                                                                         $ns attach-agent $n3 $sink3
                                                                                     { if(($1 == "d")&&($5 == "cbr")) {
proc finish { } {
                                                                                                                                         set udp1 [new Agent/UDP]
                global ns nf tf
                                                                                     cbrPkt = cbrPkt + 1; }
                                                                                                                                         $ns attach-agent $n1 $udp1
                                                                                     if(($1 == "d")&&($5 == "tcp")) {
                $ns flush-trace
                                                                                                                                         set cbr1 [new Application/Traffic/CBR]
                exec nam lab8.nam &
                                                                                    tcpPkt = tcpPkt + 1; } }
                                                                                                                                         Scbr1 attach-agent Sudp1
                                                                                                                                         set null3 [new Agent/Null]
                close $tf
                exit 0
                                                                                     nrintf "\nNo_of CBR Packets
                                                                                                                                         $ns attach-agent $n3 $null3
                                                                                     Dropped %d", cbrPkt;
                                                                                                                                         $ftp0 set packetSize_ 500
$ns at 250 "finish"
                                                                                     printf "\nNo. of TCP Packets
                                                                                                                                         $ftp0 set interval_ 0.001
$ns run
                                                                                    Dropped %d", tcpPkt;
                                                                                                                                         $cbr1 set packetSize 500
awk File
                                                                                                                                         $cbr1 set interval_ 0.001
Begin { count1=0
                                                                                                                                         $tcp0 set class_ 1
                                                                                    slide
count2=0
                                                                                                                                         $udp1 set class 2
pack1=0
                                                                                     #include<stdio.h>
                                                                                                                                         $ns connect $tcp0 $sink3
                                                                                    int main() {
int w,i,f,frames[50];
nack2=0
                                                                                                                                         $ns connect $udp1 $null3
                                                                                                                                         proc finish { } {
time1=0
                                                                                                                                         global ns nf tf
time2=0 }
                                                                                     printf("Enter window size: ");
                                                                                     scanf("%d",&w);
{if($1=="r" && $3==" 1 " && $4=="AGT")
                                                                                                                                         $ns flush-trace
                                                                                                                                         exec nam lab2.nam &
                                                                                     printf("\nEnter number of frames to
                pack1=pack1+$8
                                                                                     transmit: "):
                                                                                                                                         close $nf
                                                                                     scanf("%d",&f);
                                                                                                                                         close $tf
                time1=$2
                                                                                    printf("\nEnter %d frames: ",f);
for(i=1;i<=f;i++)</pre>
if($1=="r" && $3=="_2_" && $4=="AGT")
                                                                                                                                         exit 0 }
                                                                                                                                         $ns at 0.1 "$cbr1 start"
                                 {count2++
                                 pack2=pack2+$8
                                                                                     scanf("%d",&frames[i]);
                                                                                                                                         $ns at 0.2 "$ftp0 start"
                                                                                    printf("\nWith sliding window protocol the frames will be sent in the following
                                 time2=$2
                                                                                                                                         $ns at 5.0 "finish"
                                                                                                                                         $ns run
                                                                                     manner (assuming no corruption of
                                                                                                                                         BEGIN { TCPSend=0; CBRSend=0; TCPDrop=0; CBRDrop=0; TCPDropRatio=0.0;
                                                                                                                                         UDPDropRatio=0.0; TCPArrivalRatio=0.0;
END{
                                                                                    frames)\n\n"):
printf("Throughput from n0 to n1:%f Mbps\n",
                                                                                       printf("After sending %d frames at each
                                                                                                                                                         CBRArrivalRatio=0.0; }
     ((count1*pack1*8)/(time1*1000000)));
printf("Throughput from n1 to n2:%f Mbps\n",
                                                                                    stage sender waits for acknowledgement sent by the receiver\n\n",w);
                                                                                                                                         { src=$3; des=$4; type=$5;
                                                                                                                                         event=$1;
                                                                                                                                         fif((src="0")&&(des="2")&&(event=="+")) { TCPSend++; }
if((src=="1")&&(des=="2")&&(event=="+")) { CBRSend++; }
if((event=="d")&&(type=="tcp")) { TCPDrop++; }
            ((count2*pack2*8)/(time2*1000000)));
                                                                                        for(i=1;i<=f;i++) {
                                                                                         if(i%w==0)
                                                                                            printf("%d\n",frames[i]);
                                                                                                                                         if((event=="d")&&(type=="cbr")) { CBRDrop++; }
                                                                                            printf("Acknowledgement of above
                                                                                                                                         }END {
                                                                                     frames sent is received by sender\n\n");
                                                                                                                                         printf "\nTCPSend %d", TCPSend; printf "\nCBRSend %d", CBRSend; printf "\nTCPDrop %d", TCPDrop; printf "\nCBRDrop %d", CBRDrop;
                                                                                                                                         TCPArrivalRatio=((TCPSend-TCPDrop)/TCPSend);
                                                                                            printf("%d ",frames[i]);
                                                                                                                                         TCPDropRatio=(TCPDrop/TCPSend);
UDPArrivalRatio=((CBRSend-CBRDrop)/CBRSend);
                                                                                                                                         UDPDropRatio=(CBRDrop/CBRSend);
                                                                                     printf("\nAcknowledgement of above
frames sent is received by sender\n");
                                                                                                                                         printf "\nTCPArrivalRatio %f", TCPArrivalRatio;
printf "\nTCPDropRatio %f", TCPDropRatio;
                                                                                        return 0; }
                                                                                                                                         printf "\nUDPArrivalRatio %f", UDPArrivalRatio;
                                                                                                                                         printf "\nUDPDropRatio %f", UDPDropRatio; }
```