Sliding Window Protocol-Selective Repeat

#include <stdio.h>

#include <stdlib.h>

void main()

{

int p,i=1, a,w,nac,ack;

a=15;

w=5;

printf(“Transmission begins.Packet size %d\n”,a);

while(i<=a)

{

printf(“Sending packets from %d to %d\n”,i,w+1-1);

for(p=1;p<w+i;p++)

printf(“Transmitting packet %d\n”,p);

nac=1+rand()%w;

if(nac==1)

{

printf(“Ack=%d\n”,w+1);

i=i+w;

continue;

}

printf(“NACK=%d\n”,nac);

printf(“Sending packet %d\n”,nac);

printf(“ACK=%d\n”,nac+1);

printf(“ACK=%d\n”,i+w);

i=i+w;

}

}