Stop and Wait

#include <stdio.h>

#include <stdlib.h>

void main()

{

int i,n,r,a;

n=5;

printf(“The number of packets are: %d \n”,n);

for(i=1;i<=n;i++)

{

printf(“The packet sent is:%d\n”,i);

r=rand()%2;

if(r==1)

{

a=rand()%2;

if(a==1)

{

printf(“Acknowledgement number : %d\n”, i+1);

}

else

{

printf(“No acknowledgement number : %d\n”, i+1);

i--;

}

}

else

{

printf(“time out, resend\n”);

i--;

}

}

}