```
//B20CS1130
//Experiment 14b
//Go Back

#include <stdio.h>

void main(){
        int windowsize,sent=0,ack,i,f=1,lack=0;
        printf("Enter the window size: ");
        scanf("%d",&windowsize);
        while(1){
                for(i=0;i<windowsize;i++){
                        printf("\nFrame %d has been transmitted",sent);
                        sent++;
                        if(sent==windowsize)
                                break;
                }
                do{
                        printf("\nPlease enter the last acknowledgement received: ");
                        scanf("%d",&ack);
                        if(ack<sent && ack>lack){
                                f=1;
                        }
                        else{
                                f=0;
                                printf("\nTry Again!!");
                        }
                }while(f==0);
                if(ack==windowsize)
                        break;
                else
                        sent=ack+1;
                lack=ack;
        }
}
/*
OUTPUT
s6cs130@comp62:~$ gcc goback.c
s6cs130@comp62:~$ ./a.out
Enter the window size: 8

Frame 0 has been transmitted
Frame 1 has been transmitted
Frame 2 has been transmitted
```

Frame 3 has been transmitted
Frame 4 has been transmitted
Frame 5 has been transmitted
Frame 6 has been transmitted
Frame 7 has been transmitted
Please enter the last acknowledgement received: 3

Frame 4 has been transmitted
Frame 5 has been transmitted
Frame 6 has been transmitted
Frame 7 has been transmitted
Please enter the last acknowledgement received: 6

Frame 7 has been transmitted
Please enter the last acknowledgement received: 9

Try Again!!
Please enter the last acknowledgement received: 7

Frame 8 has been transmitted
Frame 9 has been transmitted
Frame 10 has been transmitted
Frame 11 has been transmitted
Frame 12 has been transmitted
Frame 13 has been transmitted
Frame 14 has been transmitted
Frame 15 has been transmitted
Please enter the last acknowledgement received: ^C
*/