AIM:-

To execute a Go Back N protocol using C.

Program:-

```c
#include <stdio.h>
int main()
{
    int windowsize, sent=0, ack, i;
    printf("Enter window size \n");
    scanf("%d", &windowsize);
    While(1)
    {
        for(i=0; i<windowsize; i++)
        {
            printf("Frame %d has been transmitted \n", sent);
            sent++;
            if(sent == windowsize)
                break;
        }
        printf("\n please enter the last Acknowledgement received-\n");
        scanf("%d", &ack);
        if(ack == windowsize)
                break;
        else
            sent = ack;
    }
    return=0
}
```

Output:-

Enter window size

8

Frame   0 has been transmitted

Frame   1 has been transmitted.

Frame   2 has been transmitted.

Frame   3 has been transmitted.