Design a C program in which sender module should count

the no of bytes in the frame and receive module should

display each frame received.

#include<stdio.h>

#include<string.h>

main(){

char a[20],b[20];

int i,n,j;

char f,s;

printf("Enter the size of the frame : ");

scanf("%d",&n);

n=n\*2;

printf("\nEnter the characters in frame : \n");

for(i=0;i<n;i++)

scanf("%c",&a[i]);

printf("\n FRAME \n ");

for(i=0;i<n;i++)

printf("%c",a[i]);

j=0;

for(i=0;i<n;i++)

{

if(a[i]=='f')

{

b[j]='s';

j++;

b[j]=a[i];

}

else if(a[i]=='s')

{

b[j]='s';

j++;

b[j]=a[i];

}

else

b[j]=a[i];

j++;

}

printf("\n MESSAGE \n");

for(i=0;i<j;i++)

{

printf("%c ",b[i]);

}

printf("\n");

}

OUTPUT

Graphical user interface

Description automatically generated with medium confidence