

2) Design a C program in which sender module should count the number of bytes in the frame and receiver module should display each frame received.

```
#include <stdio.h>

#include<string.h>

int main()

{

    char s[100];

    char f[200];

    int n=0,j=0,i=0;

    printf("Enter the no of frame ");

    scanf("%d",&n);


    while(n !=0)

    {

        i=0;

        printf("Enter the frame : ");

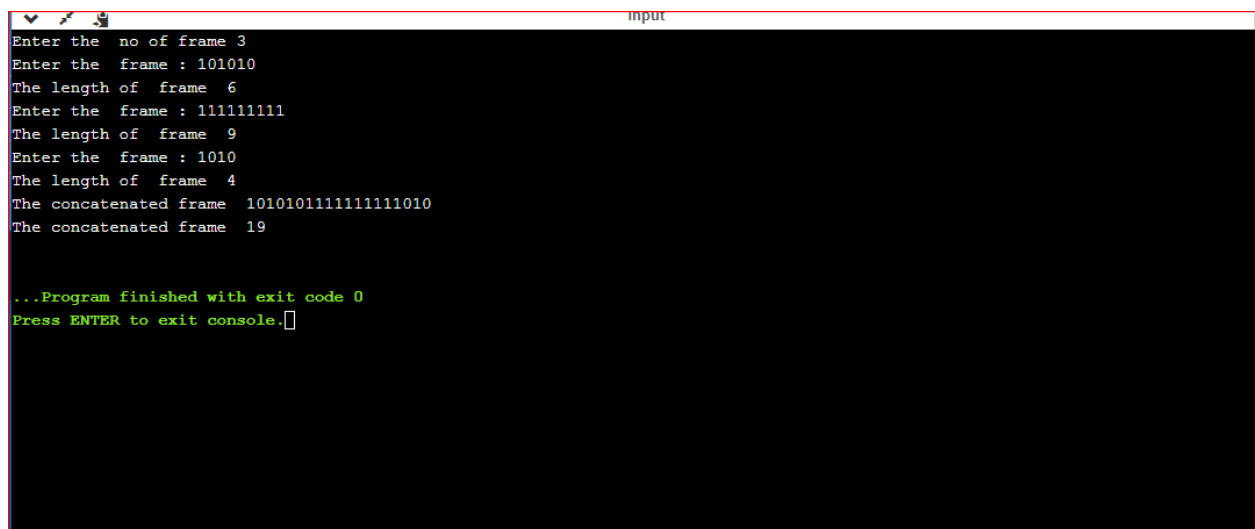
        scanf("%s", s);


        n--;


        while(s[i]!='\0')

        {
```

```
f[j]=s[i];  
  
j++ ;  
  
i++;  
  
}  
  
printf("The length of frame %d\n",i);  
  
}  
  
  
printf("The concatenated frame %s\n",f);  
printf("The concatenated frame %d\n",j);  
  
}
```



```
input  
Enter the no of frame 3  
Enter the frame : 101010  
The length of frame 6  
Enter the frame : 111111111  
The length of frame 9  
Enter the frame : 1010  
The length of frame 4  
The concatenated frame 1010101111111111010  
The concatenated frame 19  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```