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C:\Users\91630\Documents\Computer Networks\Q-1 C program.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Q-1 C program.cpp
3 int main()
4 {
5     int w,i,f,frames[50];
6
7     printf("Enter window size: ");
8     scanf("%d",&w);
9
10    printf("\nEnter number of frames to transmit: ");
11    scanf("%d",&f);
12
13    printf("\nEnter %d frames: ",f);
14
15    for(i=1;i<=f;i++)
16        scanf("%d",&frames[i]);
17
18    printf("\nWith sliding window protocol the frames will be sent in the following manner (assuming no corruption of frames)
19    printf("After sending %d frames at each stage sender waits for acknowledgement sent by the receiver",f);
20
21    for(i=1;i<=f;i++)
22    {
23        if(i%w==0)
24        {
25            printf("\n",frames[i]);
26            printf("Acknowledgement of above frames sent is received by sender");
27        }
28        else
29            printf("%d ",frames[i]);
30    }
31 }
```

C:\Users\91630\Documents\Computer Networks\Q-1 C program.exe

Enter window size: 5
Enter number of frames to transmit: 3
Enter 3 frames: 5
3
3
With sliding window protocol the frames will be sent in the following manner (assuming no corruption of frames)
After sending 5 frames at each stage sender waits for acknowledgement sent by the receiver
Acknowledgement of above frames sent is received by sender
Process exited after 9.013 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Console
Errors: 0
Warnings: 0
Output Filename: C:\Users\91630\Documents\Computer Networks\Q-1 C program.exe
Output Size: 323,953,125 Kib
Compilation Time: 0.34s

```
C:\Users\91630\Documents\Computer Networks\Q-2 C Program.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Q-2 C Program.cpp
1 #include<stdio.h>
2 #include<string.h>
3 int main()
4 {
5     int i=0,count=0;
6     char databits[80];
7     printf("Enter Data Bits: ");
8     scanf("%s",databits);
9     printf("\nData Bits After Bit stuffing: ");
10    for(i=0; i<strlen(databits); i++)
11    {
12        if(databits[i]!='1')
13            count++;
14        else
15            count=0;
16        printf("%c",databits[i]);
17        if(count==5)
18        {
19            printf("0");
20            count=0;
21        }
22    }
23    return 0;
24 }
```

C:\Users\91630\Documents\Computer Networks\Q-2 C Program.exe

Enter Data Bits: 5
Data Bits After Bit stuffing: 5
Process exited after 2.175 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Console Close
Errors: 0
Warnings: 0
Output Filename: C:\Users\91630\Documents\Computer Networks\Q-2 C Program.exe
Output Size: 322,956,054,6875 Kib
Compilation Time: 0.17s

