File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

TDM-GCC 4.9.2 64-bit Release

Project   Classes   Debug   CN 1.c   CN 2.c   CN 3.c

main () : int

```c
#include<stdio.h>
int main()
{
    int w,i,f,frames[50];
    printf("Enter window size: ");
    scanf("%d",&w);
    printf("\nEnter number of frames to transmit:
    scanf("%d",&f);
    printf("\nEnter %d frames: ",f);
    for(i=1;i<=f;i++)
        scanf("%d",&frames[i]);
    printf("\nWith sliding window protocol the fr
    printf("After sending %d frames at each stage

    for(i=1;i<=f;i++)
    {
        if(i%w==0)
        {
            printf("%d\n",frames[i]);
            printf("Acknowledgement of above fram
        }
        else
            printf("%d ",frames[i]);
    }
    if(f%w!=0)
        printf("\nAcknowledgement of above frames sent is received by sender\n");
    return 0;
}
```

Terminal output:

```
Enter window size: 12

Enter number of frames to transmit: 3

Enter 3 frames: 45
60
75

With sliding window protocol the frames will be sent in the following manner
(assuming no corruption of frames)

After sending 12 frames at each stage sender waits for acknowledgement sent
by the receiver

45 60 75
Acknowledgement of above frames sent is received by sender

------------------------------------------
Process exited after 27.24 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results

Line: 11   Col: 32   Sel: 0   Lines: 28   Length: 915   Insert   Done parsing in 0.015 seconds

35°C
Mostly cloudy

Search

ENG
IN

14:38
12-08-2023

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug   CN 1.c   CN 2.c   CN 3.c

- crc () : void
- main () : int
- receiver () : void
- XOR () : void
- check_value [28] : ch
- data [28] : char
- data_length : int
- gen_poly [10] : char
- i : int
- j : int

```c
1   #include<stdio.h>
2   #include<string.h>
3   #define N strlen(gen_poly)
4   char data[28];
5   char check_value[28];
6   char gen_poly[10];
7   int data_length,i,j;
8   void XOR(){
9       for(j = 1;j < N; j++)
10          check_value[j] = (( check_value[j] == gen_poly[j])?'0':'1');
11  }
12  void receiver(){
13      printf("Enter the received data: ");
14      scanf("%s", data);
15      printf("\n--------------------------------\n");
16      printf("Data received: %s", data);
17      crc();
18      for(i=0;(i<N-1) && (check_value[i]!='1');i++);
19          if(i<N-1)
20              printf("\nError detected\n\n");
21          else
22              printf("\nNo error detected\n\n");
23  }
24  void crc(){
25      for(i=0;i<N;i++)
26          check_value[i]=data[i];
27      do{
28          if(check_value[0]=='1')
29              XOR();
```

Console output:

```
Enter data to be transmitted: 9

 Enter the Generating polynomial: 6

--------------------------------------
 Data padded with n-1 zeros : 9
--------------------------------------
CRC or Check value is :
--------------------------------------
 Final data to be sent : 9
--------------------------------------
Enter the received data:
```

Compiler (2)   Resources   Compile Log   Debug   Find Results

Line: 13   Col: 41   Sel: 0   Lines: 56   Length: 1709   Insert   Done parsing in 0.015 seconds

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   CN 1.c   CN 2.c   CN 3.c

```c
#include<stdio.h>
#include<string.h>
int main()
{
 int i=0,count=0;
 char databits[80];
 printf("Enter Data Bits: ");
 scanf("%s",databits);
 printf("\nData Bits After Bit stuffing: ");
  for(i=0; i<strlen(databits); i++)
 {
    if(databits[i]=='1')
        count++;
    else
        count=0;
    printf("%c",databits[i]);
    if(count==5)
    {
        printf("0");
        count=0;
    }
 }
 return 0 ;
}
```

C:\Users\Lenovo\Desktop\foc

```
Enter Data Bits: 6

Data Bits After Bit stuffing: 6
----------------------------------------
Process exited after 9.499 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results

Line: 17   Col: 17   Sel: 0   Lines: 24   Length: 430   Insert   Done parsing in 0.015 seconds

Java Certification >

Main.java   Clear

Run   Output

```java
1  import java.time.LocalDateTime;
2  import java.time.format.DateTimeFormatter;
3
4  public class Main {
5    public static void main(String[] args) {
6      LocalDateTime myDateObj = LocalDateTime.now();
7      DateTimeFormatter myFormatObj = DateTimeFormatter.ofPattern("dd-MM-yyyy HH:mm
          :ss");
8
9      String formattedDate = myDateObj.format(myFormatObj);
10     System.out.println("The current date and time is: " + formattedDate);
11   }
12 }
```

```
java -cp /tmp/00K938A1od Main
The current date and time is: 12-08-2023 08:17:36
```