

```

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 }
```

Abort Compilation

- Output Filename: C:\Users\sivap\OneDrive\Desktop\computer networks problem 1.exe
 - Output Size: 322.9853515625 KiB
 - Compilation Time: 0.56s

Shorten compiler path

Line: 24 Col: 2 Sel: 0 Lines: 24 Length: 428 Insert Done parsing in 0.203 seconds



File

C:\Users\sivap\OneDrive\Desl

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Enter Data Bits: 1111101

Data Bits After Bit stuffing: 11111001

Process exited after 12.72 seconds with return value 0

Press any key to continue . . .

Line: 24 Col: 2 Sel: 0 Lines: 24 Length: 428 Insert Done parsing in 0.203 seconds

3



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C:\Users\sivap\OneDrive\Desl



Enter Data Bits: 1101111110111

Data Bits After Bit stuffing: 11011111010111

Process exited after 25.66 seconds with return value 0

Press any key to continue . . .

Get WhatsApp for Windows

Type a message



C:\Users\sivap\OneDrive\Desl

Enter Data Bits: 111111111

Data Bits After Bit stuffing: 111110111110

Process exited after 12.47 seconds with return value 0

Press any key to continue . . .

Get WhatsApp for Windows

Type a message



File

C:\Users\sivap\OneDrive\Desl

Enter Data Bits: 1011111011111

Data Bits After Bit stuffing: 101111100111110

Process exited after 4.794 seconds with return value 0

Press any key to continue . . .

Line: 24 Col: 2 Sel: 0 Lines: 24 Length: 428 Insert Done parsing in 0.203 seconds



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IN



2:11 PM
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File

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Enter Data Bits: 1111101111101111

Data Bits After Bit stuffing: 11111001111100111110

Process exited after 6.568 seconds with return value 0

Press any key to continue . . .

Line: 24 Col: 2 Sel: 0 Lines: 24 Length: 428 Insert Done parsing in 0.203 seconds



ENG
IN



2:12 PM
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