

```
C:\Users\ROG\Documents\bit_stuffing.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
[Icons] (globals)
Project Classes Debug
bit_stuffing.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\ROG\Documents\bit x + v
Enter Data Bits: 1111101
Data Bits After Bit stuffing: 11111001
Process exited after 3.222 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ROG\Documents\bit_stuffing.exe
- Output Size: 128.7734375 KiB
- Compilation Time: 0.91s

Line: 22 Col: 3 Sel: 0 Lines: 24 Length: 430 Insert Done parsing in 0.125 seconds

```
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13            count++;
14        else
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16        printf("%c",databits[i]);
17        if(count==5)
18        {
19            printf("0");
20            count=0;
21        }
22    }
23    return 0 ;
24 }
```

```
C:\Users\ROG\Documents\bit x + - _ x
Enter Data Bits: 1101111110111
Data Bits After Bit stuffing: 11011111010111
Process exited after 3.06 seconds with return value 0
Press any key to continue . . . |
```

```
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);
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12        if(databits[i]=='1')
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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\ROG\Documents\bit x + -
Enter Data Bits: 1111111111
Data Bits After Bit stuffing: 111110111110
Process exited after 27.68 seconds with return value 0
Press any key to continue . . . |
```

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ROG\Documents\bit_stuffing.exe
- Output Size: 128.7734375 KiB
- Compilation Time: 0.91s
```

bit_stuffing.cpp

```
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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\ROG\Documents\bit

Enter Data Bits: 1011111011111

Data Bits After Bit stuffing: 101111100111110

Process exited after 2.708 seconds with return value 0
Press any key to continue . . . |

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ROG\Documents\bit_stuffing.exe
- Output Size: 128.7734375 KiB
- Compilation Time: 0.91s
```

Data Bits After Bit stuffing: 11111001111100111110

```
Process exited after 2.769 seconds with return value 0
Press any key to continue . . . |
```