

C:\Users\vreet\OneDrive\Documents\C Programming Codes\Bit stuffing.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Bit stuffing.cpp

```
1 //Bit stuffing
2
3 #include<stdio.h>
4 #include<string.h>
5 int main()
6 {
7     int i=0,count=0;
8     char databits[80];
9     printf("Enter Data Bits: ");
10    scanf("%s",databits);
11    printf("\nData Bits After Bit stuffing: ");
12    for(i=0; i<strlen(databits); i++)
13    {
14        if(databits[i]=='1')
15            count++;
16        else
17            count=0;
18        printf("%c",databits[i]);
19        if(count==5)
20        {
21            printf("0");
22            count=0;
23        }
24    }
25    return 0 ;
26 }
```

Compiler Resources

C:\Users\vreet\OneDrive\Doc

Abort Compilation

☐ Shorten compiler paths

Enter Data Bits: 1111101

Data Bits After Bit stuffing: 11111001

Process exited after 15.46 seconds with return value 0
Press any key to continue . . . |

Line: 26 Col: 2

```
1 //Bit stuffing
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5 int main()
6 {
7     int i=0,count=0;
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13    {
14        if(databits[i]=='1')
15            count++;
16        else
17            count=0;
18        printf("%c",databits[i]);
19        if(count==5)
20        {
21            printf("0");
22            count=0;
23        }
24    }
25    return 0 ;
26 }
```

Abort Compilation

☐ Shorten compiler paths

Enter Data Bits: 1101111110111

Data Bits After Bit stuffing: 11011111010111

Process exited after 39.01 seconds with return value 0
Press any key to continue . . .

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TDM-GCC 4.9.2 64-bit Release

(globals)

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18        printf("%c",databits[i]);
19        if(count==5)
20        {
21            printf("0");
22            count=0;
23        }
24    }
25    return 0 ;
26 }
```

Compiler Resources

Abort Compilation

☐ Shorten compiler paths

Enter Data Bits: 1111111111

Data Bits After Bit stuffing: 111110111110

Process exited after 10.19 seconds with return value 0
Press any key to continue . . .

Line: 26 Col: 2

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Bit stuffing.cpp

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16        else
17            count=0;
18        printf("%c",databits[i]);
19        if(count==5)
20        {
21            printf("0");
22            count=0;
23        }
24    }
25    return 0 ;
26 }
```

Compiler Resources

Debug

Stop Execution

Evaluate: Process exited after 5.628 seconds with return value 0
Press any key to continue . . .

Line: 26 Col: 2

Enter Data Bits: 101111101111

Data Bits After Bit stuffing: 101111100111110

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Bit stuffing.cpp

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15            count++;
16        else
17            count=0;
18        printf("%c",databits[i]);
19        if(count==5)
20        {
21            printf("0");
22            count=0;
23        }
24    }
25    return 0 ;
26 }
```

Compiler Resources

Debug

Stop Execution

Evaluate: Process exited after 15.41 seconds with return value 0
Press any key to continue . . .

Line: 26 Col: 2

Enter Data Bits: 1111101111101111

Data Bits After Bit stuffing: 11111001111100111110