

Online C Compiler - Programiz

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C Online Compiler

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main.c

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Run

```
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 }
```

Output

Clear

Enter Data Bits: 11111011111011111
11111011111011111

Data Bits After Bit stuffing: 11111001111100111110

=== Code Execution Successful ===