

main.c



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Output

Clear

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

Enter Data Bits: 11111111111111111111

=== Code Execution Successful ===





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```

Enter Data Bits:1011111011111

Data Bits After Bit stuffing: 01111100111110

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Enter Data Bits: 11111111111111111111

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Enter Data Bits: 1101111110111

Data Bits After Bit stuffing: 11011111010111

=== Code Execution Successful ===