

```
1 #include <stdio.h>
2 int main()
3 {
4     int data[100], stuffeddata[200];
5     int i, count=0, j=0, n;
6     printf("Enter the number of bits in the data: ");
7     scanf("%d", &n);
8     printf("Enter the data (0s and 1s only): ");
9     for (i=0; i<n; i++)
10    {
11        scanf("%d", &data[i]);
12    }
13    for (i = 0; i < n; i++)
14    {
15        if (data[i] == 1)
16        {
17            count++;
18            stuffeddata[j++] = data[i];
19        }
20        else
21        {
22            count = 0;
23            stuffeddata[j++] = data[i];
24        }
25        if (count == 5)
26        {
27            stuffeddata[j++] = 0;
28            count = 0;
29        }
30    }
31    printf("Data after bit stuffing: ");
32    for (i = 0; i < j; i++)
33    {
34        printf("%d", stuffeddata[i]);
35    }
36    printf("\n");
37    return 0;
38 }
```

Abort Compilation

```
- Output Filename: C:\Users\iThink\OneDrive\Documents\U
- Output Size: 350.1923828125 KiB
- Compilation Time: 0.53s
```

☐ Shorten compiler path

```
Enter the number of bits in the data: 10
Enter the data (0s and 1s only): 1 1 1 1 1 0 0 1 1 1
Data after bit stuffing: 11111000111
```

```
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Process exited after 22.39 seconds with return value 0
Press any key to continue . . .
```