Project C ◄ ► | Untitled1.c ✕

```c
#include <stdio.h>
int main()
{
    int data[100], stuffeddata[200];
    int i,count=0,j=0,n;
    printf("Enter the number of bits in the data: ");
    scanf("%d",&n);
    printf("Enter the data (0s and 1s only): ");
    for (i=0;i<n;i++)
    {
        scanf("%d",&data[i]);
    }
    for (i = 0; i < n; i++)
    {
        if (data[i] == 1)
        {
            count++;
            stuffeddata[j++] = data[i];
        }
        else
        {
            count = 0;
            stuffeddata[j++] = data[i];
        }
        if (count == 5)
        {
            stuffeddata[j++] = 0;
            count = 0;
        }
    }
    printf("Data after bit stuffing: ");
    for (i = 0; i < j; i++)
    {
        printf("%d", stuffeddata[i]);
    }
    printf("\n");
    return 0;
}
```

Console window:

```
C:\Users\iThink\OneDrive\Do   ✕   + ∨

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

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

🟠 Compiler ☐ Resources 🔖 Compile Log 🐞 Debug 🔍 Find Results ● Console ❌ Close

Abort Compilation

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

☐ Shorten compiler path

Line: 38 Col: 2 Sel: 0 Lines: 38 Length: 707 Insert