

BIT STUFFING

```
#include <stdio.h>

#include <string.h>

Int main()
{
    Char input[100], stuffed[200];

    Int i, j = 0, count = 0;

    Printf("Enter binary data: ");

    Scanf("%s", input);

    For (i = 0; input[i] != '\0'; i++)
    {
        Stuffed[j] = input[i];

        J++;

        If (input[i] == '1')
        {
            Count++;

            If (count == 5)
            {
                Stuffed[j] = '0';

                J++;

                Count = 0;
            }
        }

        Else
        {

```

```
        Count = 0;
    }
}
Stuffed[j] = '\0';
Printf("Data after bit stuffing: %s\n", stuffed);
Return 0;
}
```