

TERM 7

```
#include<stdio.h>
int main()
{
    int i=0, count=0;
    char databits[80];

    printf("Enter Data Bits : ");
    scanf("%s",databits);
    printf("Data Bits Before Bit Stuffing : %s",databits);
    printf("\n Data Bits After Bit Stuffing :");
    for(i=0;i<strlen(databits);i++)
    {
        if(databits[i]=='1')
            count++;
        else
            count=0;
        printf("%c",databits[i])
        if(count==5)
        {
            print("0");
            count=0;
        }
    }
    return 0;
}
```