Programiz
C Online Compiler

Programiz PRO >

main.c

Share Run

```c
#include<stdio.h>
#include<string.h>
int main()
{
 int i=0,count=0;
 char databits[80];
 printf("Enter Data Bits: ");
 scanf("%s",databits);
 printf("\nData 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)
    {
        printf("0");
        count=0;
    }
}
return 0;
}
```

Output Clear

```
Enter Data Bits: 1111101

Data Bits After Bit stuffing: 11111001

=== Code Execution Successful ===
```

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    if(count==5)
    {
        printf("0");
        count=0;
    }
}
return 0;
}
```

Output | Clear

```
Enter Data Bits: 1111101111101111

Data Bits After Bit stuffing: 11111001111100111110

=== Code Execution Successful ===
```

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    else
        count=0;
    printf("%c",databits[i]);
    if(count==5)
    {
        printf("0");
        count=0;
    }
}
return 0;
}
```

Output | Clear

```
Enter Data Bits: 1101111110111

Data Bits After Bit stuffing: 11011111010111

=== Code Execution Successful ===
```


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    if(count==5)
    {
        printf("0");
        count=0;
    }
}
return 0;
}
```

Output Clear

```
Enter Data Bits: 1011111011111

Data Bits After Bit stuffing: 101111100111110

=== Code Execution Successful ===
```

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    else
        count=0;
    printf("%c",databits[i]);
    if(count==5)
    {
        printf("0");
        count=0;
    }
}
return 0;
}
```

Output Clear

```
Enter Data Bits: 1111111111

Data Bits After Bit stuffing: 111110111110

=== Code Execution Successful ===
```