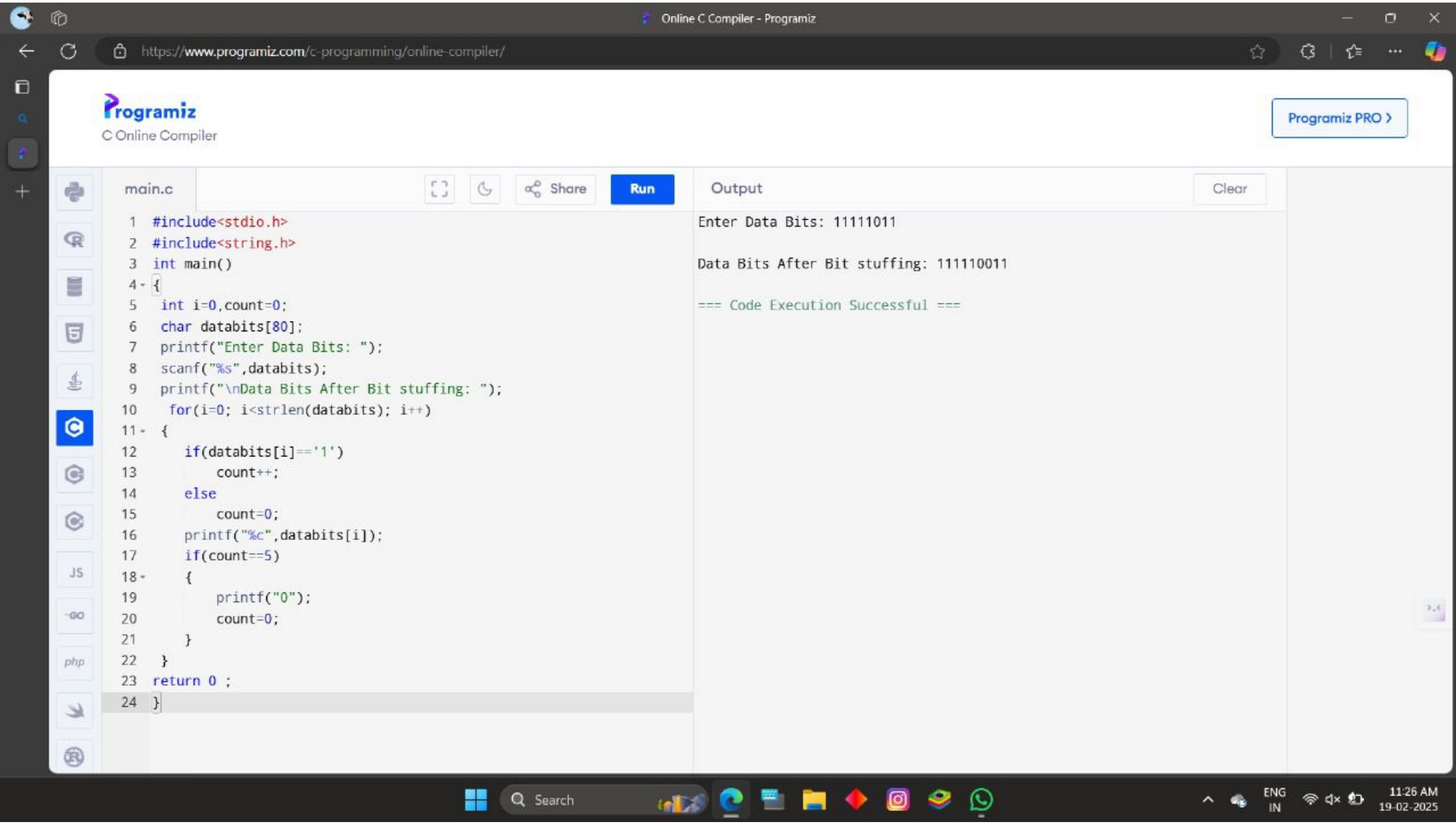
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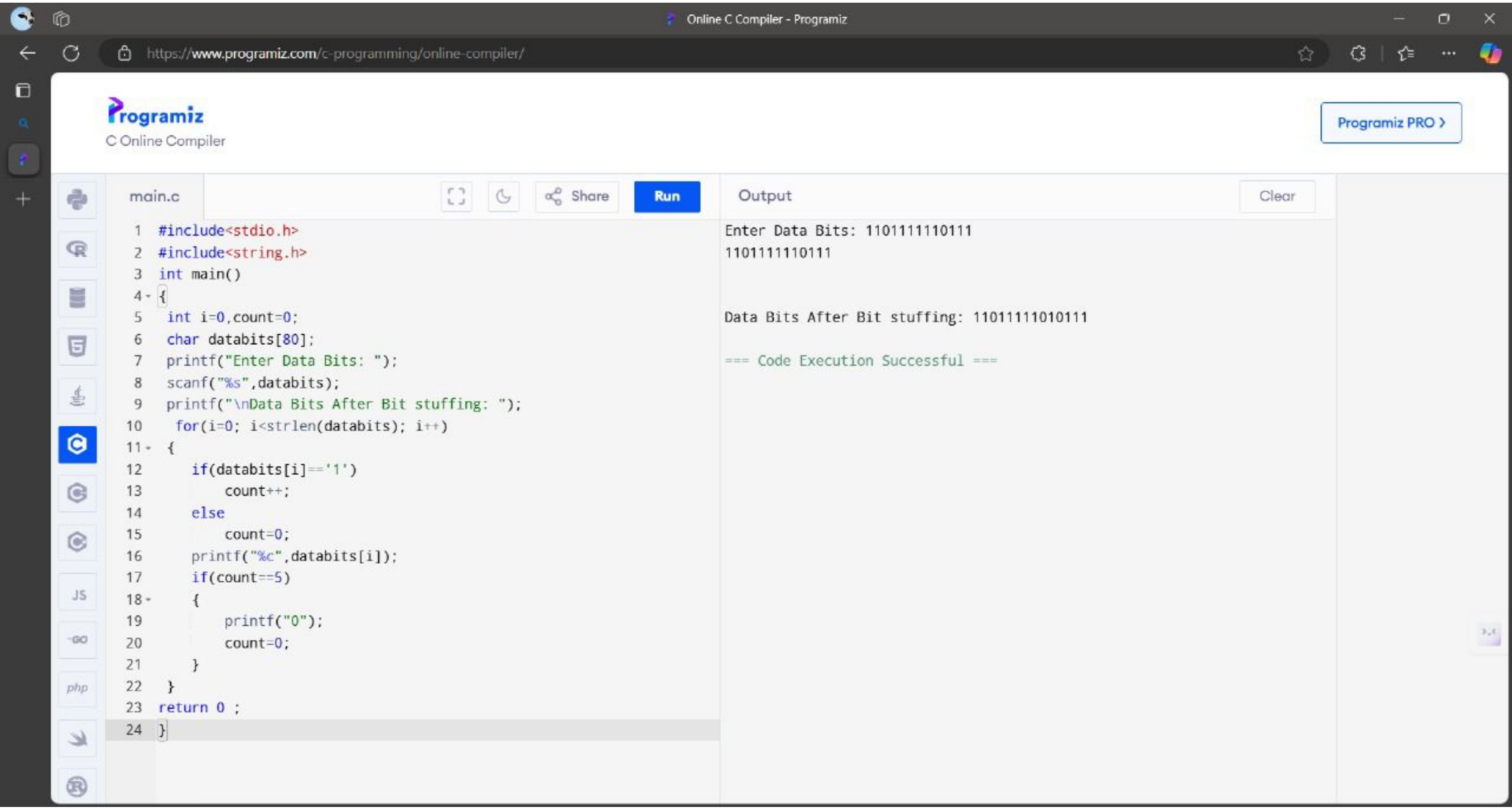
main.c
Share
Run
Output
Clear
#include<stdio.h>
#include<string.h>
int main()
{
int i=0,count=0;
char databits[80];
printf("Enter Data Bits: ");
scanf("%s",databits);
printf("\nData Bits After Bit stuffing: ");
for(i=0; i<strlen(databits); i++)
{
if(databits[i]=='1')
count++;
else
count=0;
printf("%c",databits[i]);
if(count==5)
{
printf("0");
count=0;
}
}
return 0 ;
}
Enter Data Bits: 11111011
Data Bits After Bit stuffing: 111110011
=== Code Execution Successful ===
Search
ENG
IN
11:26 AM
19-02-2025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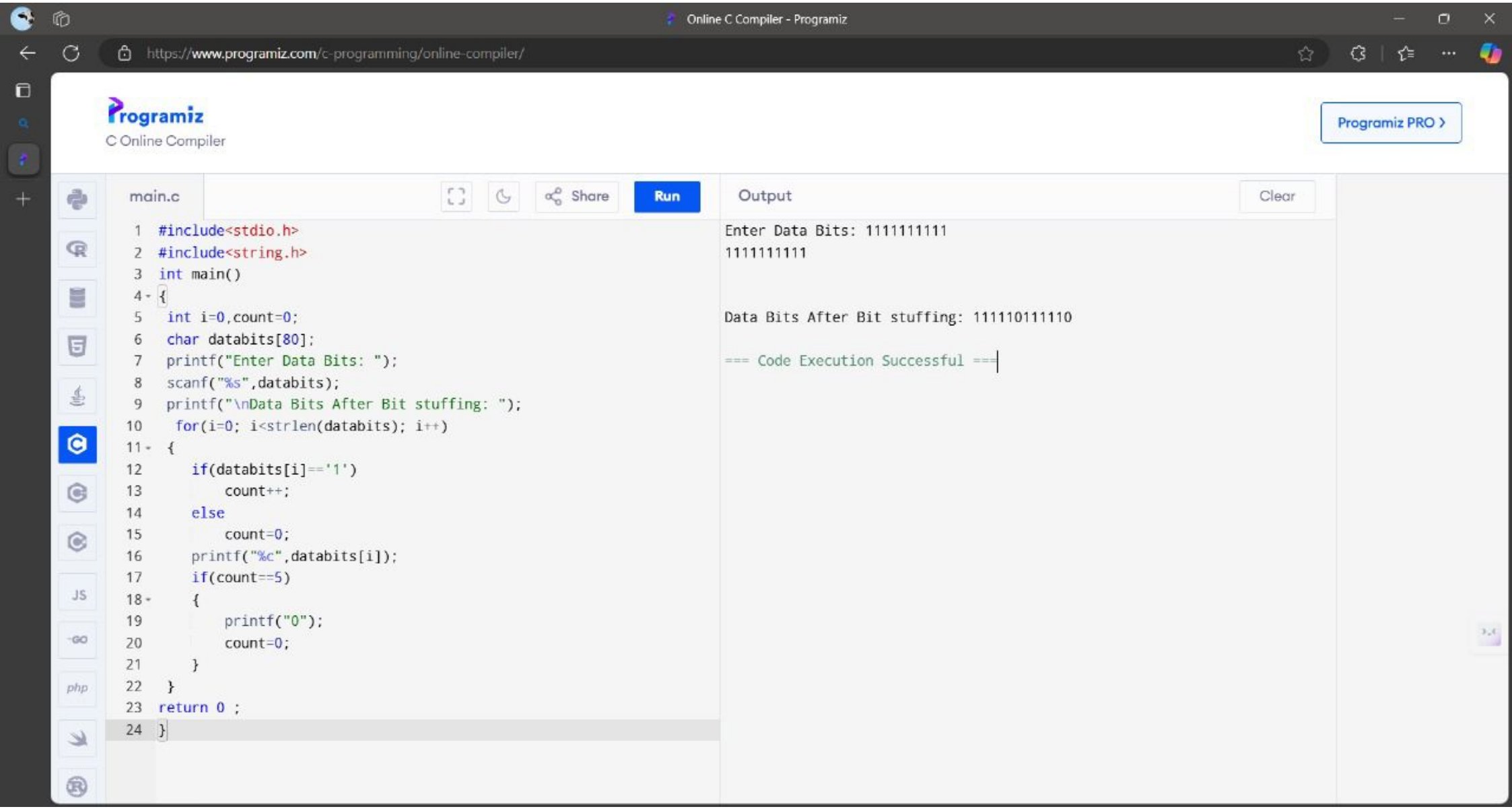
count++;
else
count=0;
printf("%c",databits[i]);
if(count==5)
{
printf("0");
count=0;
}
}
return 0 ;
}
Enter Data Bits: 1101111110111
1101111110111
Data Bits After Bit stuffing: 11011111010111
=== Code Execution Successful ===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{
if(databits[i]=='1')
count++;
else
count=0;
printf("%c",databits[i]);
if(count==5)
{
printf("0");
count=0;
}
}
return 0 ;
}
Enter Data Bits: 1111111111
1111111111
Data Bits After Bit stuffing: 111110111110
=== Code Execution Successful ===

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main.c

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```c
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#include<string.h>
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{
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 char databits[80];
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 scanf("%s",databits);
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  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: 1011111011111
1011111011111


Data Bits After Bit stuffing: 101111100111110

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

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main.c

Share | Run

```c
#include<stdio.h>
#include<string.h>
int main()
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 char databits[80];
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 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: 11111011111011111
11111011111011111

Data Bits After Bit stuffing: 111110011111100111110

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