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DATE:10/05/23

1.C PROGRAMM FOR FABINO SERIES WITH RECUSSION

The screenshot displays a C++ IDE with a project named 'fabino series using without recursion.cpp'. The code defines a recursive function `fibonacci` to calculate the n -th term of the Fibonacci series. The `main` function prompts the user to enter the number of terms and prints the first five terms of the series.

```
1 #include<stdio.h>
2 int fibonacci(int n)
3 {
4     if(n==0)
5         return 0;
6     if(n==1)
7         return 1;
8     return fibonacci(n-1)+fibonacci(n-2);
9 }
10 int main()
11 {
12     int i,a=0,b=1,n;
13     printf("enter the number of terms");
14     scanf("%d",&n);
15     for(i=0;i<n;i++)
16     {
17         printf("%d",fibonacci(i));
18     }
19 }
20
21 int fibonacci(int n)
22 {
23     if(n==0)
24         return 0;
25     if(n==1)
26         return 1;
27     return fibonacci(n-1)+fibonacci(n-2);
28 }
```

The execution output shows the user entering 5 terms, resulting in the sequence: 0, 1, 1, 2, 3, 5, 8. The process exited after 2.42 seconds with a return value of 0.

Compilation results:

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\Documents\fabino series using without recursion.cpp
- Output Size: 128.66015625 KiB
- Compilation Time: 0.25s